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HEMIST AND DRUGGIST JULY 28, 1945

The
CHEMIST AND DRUGGIST
for RETAILER - WHOLESALER - MANUFACTURER

lished 1859 28 Essex Street, Strand, London, W.C.2 Registered as a Newspaper

3416
CXLIV JULY 28, 1945 Annual Subscription (with Diary) 25/-. Single copies 9d.

POLICY WORTH REPEATING

LWAYS THROUGH THE DRUG TRADE
LWAYS THROUGH THE DRUG TRADE
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Lilly
TRADE MARK

For more than sixty years the Lilly Marketing Policy has sought to protect the interests of the retail pharmacist, to strengthen his position with the public as well as with the medical profession. It has discouraged vicious and destructive price cutting by offering Lilly Products at one price, and only one, to all pharmacists alike, through the Lilly distributor. There has never been any doubt about the fairness of this policy. It meets the requirements of any business, large or small. Through its application, complete prescription stocks can be maintained with minimum investment. The soundness of the Lilly Marketing Policy has been definitely established. Its benefits are manifest.

LWAYS THROUGH THE DRUG TRADE

ELI LILLY AND COMPANY LIMITED
BASINGSTOKE HANTS

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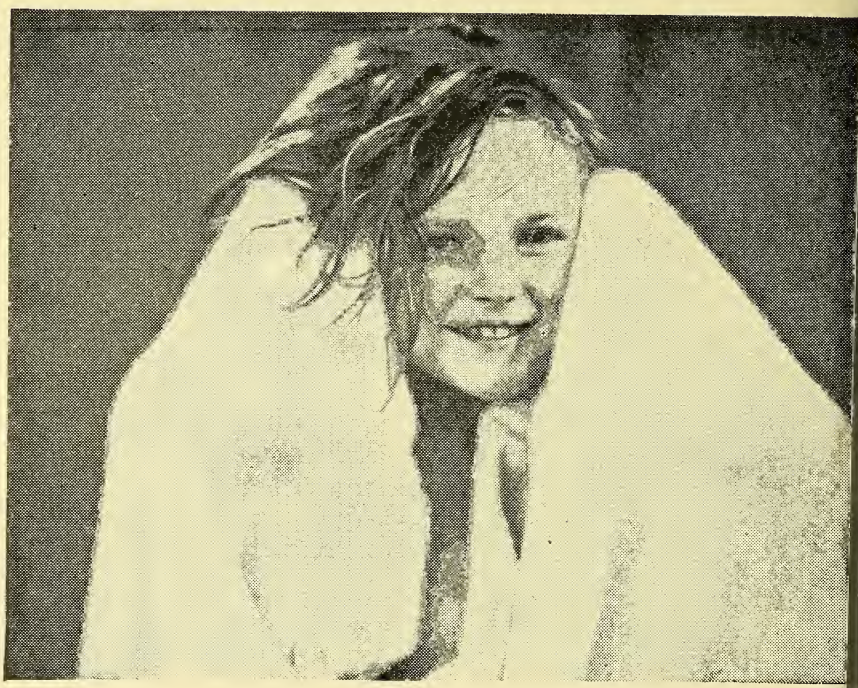

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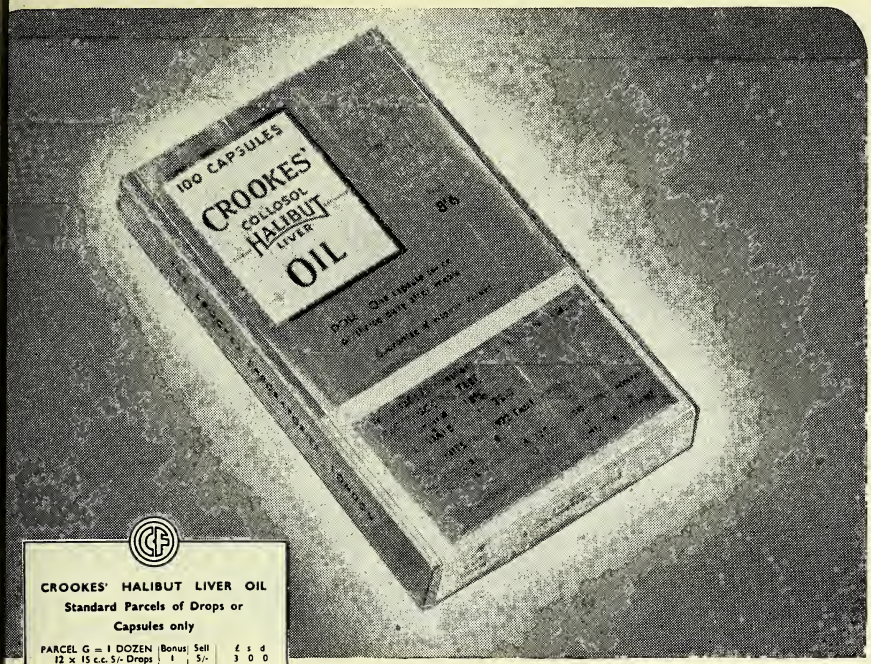

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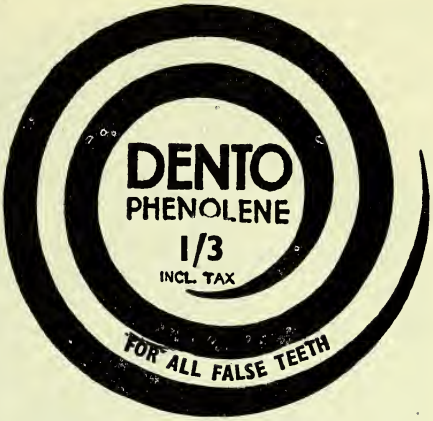

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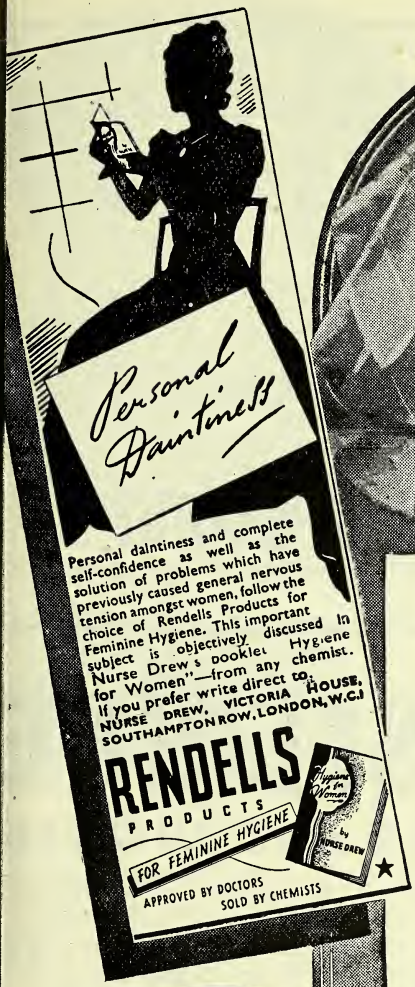

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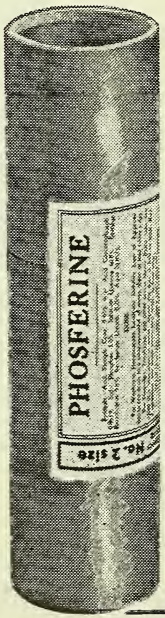

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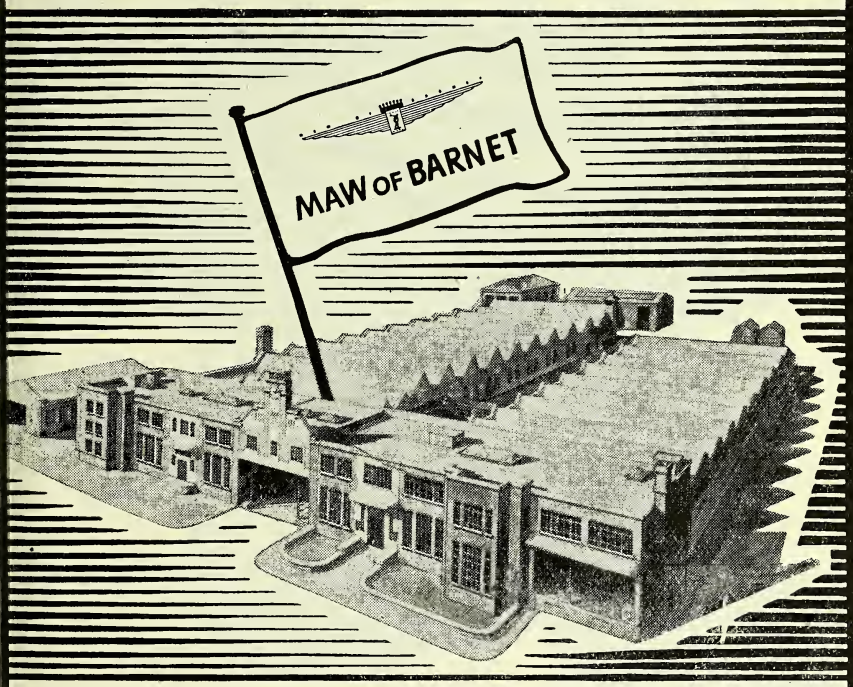

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OBTAINABLE FROM ALL WHOLESALE HOUSES

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THE ORIGINAL
WIDOW WELCH'S FEMALE PILLS

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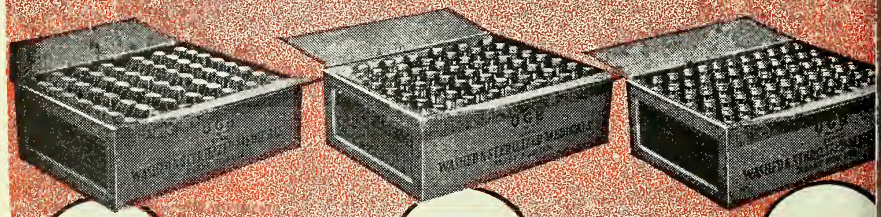

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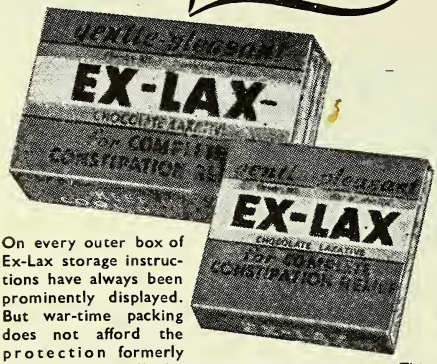
March/April, your next is due Sept./Oct.
May/June, your next is due Nov./Dec.

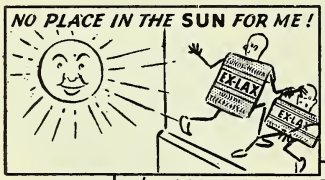
33 OLD BOND STREET LONDON

PLEASE BE KIND TO ME Mr. CHEMIST!



On every outer box of Ex-Lax storage instructions have always been prominently displayed. But war-time packing does not afford the protection formerly provided, especially during the summer months. This problem, however, can be overcome, if you will kindly remember the hints set out below.

HOW NOT TO STORE 'EX-LAX'



(Heat is fatal to chocolate. 'Ex-Lax' should never be placed in the window or in direct sunrays.)

(Keep 'Ex-Lax' away from perfume, soap, and other strong-smelling commodities.)

(Don't store 'Ex-Lax' near a damp wall or next to glass where condensation takes place.)

('Ex-Lax' in its present packing should be handled carefully and kept in container until sold.)

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Box's Pills

Your friend for more than 50 years, BOX'S PILLS carry on the good work of helping the public's digestion through difficult times.

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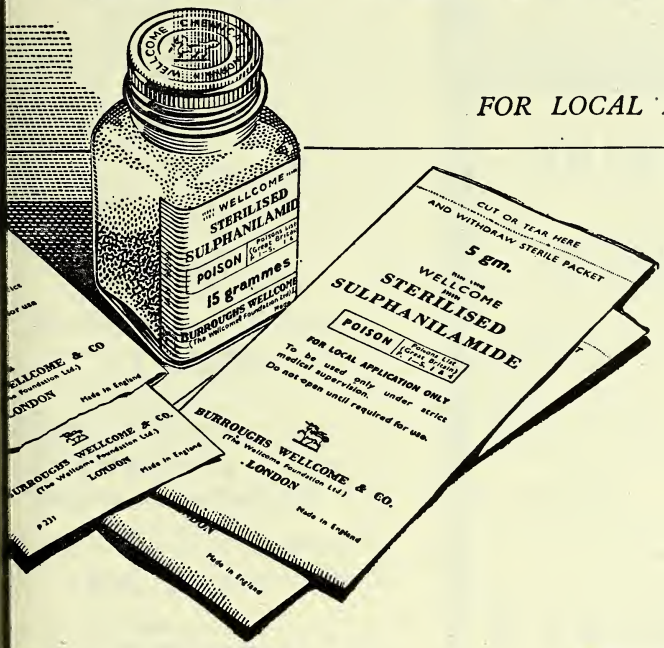

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NEWS OF THE WEEK

irgraph Service Discontinued.—Owing ecrease in traffic, threepenny airgraph ers from the public will not be accepted r July 31.

rading with the Enemy.—The Board of le announces that the list of specified ons, which is at present embodied in n Orders, has been published in a new solidating Order. The title of the solidating Order is the Trading with the my (Specified Persons) (Amendment) . 8) Order, 1945 (S. R. & O., 1945, 830, price 3s.).

ver Extract Restrictions Eased.—The ister of Health has made a new Order ed July 19) partially removing existing rictions on the use of liver extract. The Order (the Liver Extract (Regulation Use) Order, 1945) revokes a previous er and permits the use of injectible act of liver without any restriction on conditions to be treated. It also permits use of oral preparations of liver luding proteolysed and desiccated livers) he prescription of a registered medical practitioner for the treatment only of pernicious and other megalocytic anæmias. The Order prohibits the use of any preparation intended for oral administration containing liver extract combined with any other active ingredient except stomach extract.

Changes Under Re-enacted Rationing Orders.—The Minister of Food has made Orders re-enacting the Food Rationing Orders, 1944 (as amended), and the Soap (Licensing of Manufacturers and Rationing) Order, 1944 (as amended), providing for the use of the new ration documents valid for the new rationing year beginning July 22, 1945. The principal changes made under the new Orders are: That in future establishments will be required to deliver to the Food Executive Officer coupons that have been detached from residents' ration books at the end of each three-week period, instead of at the end of every four-week ration period as formerly. The term "eight-week period" has been defined as "the period of eight weeks beginning on July 22, 1945,

and each succeeding period of eight weeks thereafter." The one-eighth reduction in the amount of soap which may be obtained by holders of a General Ration Book R.B.1 or Junior Ration Book R.B.4 (introduced on May 26, 1945) is effected by invalidating the coupons numbered 5, 13, 21, 29, 37, and 45 in those books. Printed copies of the Orders will be available shortly.

Photographic Quotas to be Increased.—The Board of Trade has announced that it will shortly issue new Orders under which the registered holders of quotas for photographic and certain other goods will be increased on August 1. The increase for photographic goods is from 12½ per cent. to 25 per cent. for six months, based on supplies in the year 1939–40.

Conference on Industrial Research.—At a recent meeting of the grand council of the Federation of British Industries it was decided to convene in London, in the late autumn, or spring of 1946, a two-day conference on "Industry and Research." Special emphasis will be laid on the practical means by which research can assist industry and promote industrial efficiency, exports, full employment and a higher standard of living.

I.C.I. Research Fellowships for India.—Through the chairman (Lord McGowan) Imperial Chemical Industries, Ltd., London, has offered to Professor Wadia (president of the National Institute of Sciences of India) fifty fellowships for the encouragement of Indian research in chemistry, physics and biology. The fellowships are to be held by Indian universities, and will extend over the next seven years. The cost is estimated at 336,000 rupees (equivalent to £25,200).

Census of Distribution Committee.—The recently appointed Census of Distribution Committee has decided to invite national trade associations to offer written evidence on the possible uses of a census. Local associations, firms or individuals should express their views through their national organisations, and not direct to the Committee. Inquiries should be addressed to the secretary (Mr. R. P. Hicklin, Board of Trade, Romney House East, Tufton Street, London, S.W.1).

First Meeting of B.E.T.R.O.—The newly-formed British Export Trade Research Organisation met in London recently, when the chairman revealed that the strength of founder membership was ninety-nine firms, with 112 other members. Among members elected to the executive committee were the chairman (Mr. Ivor Cooper, Lever Brother & Unilever, Ltd.), Mr. J. L. Graham (Dunlop Rubber Co., Ltd.), Mr. C. J Harrison (Horlicks, Ltd.), Lieutenant Colonel L. J. Barley (Imperial Chemica Industries, Ltd.), and Mr. G. M. Samuelso (Reckitt & Colman, Ltd.).

Demobilisation of Doctors.—The chair man of the British Medical Association (Dr Guy Dain), speaking at a conference hel at the Association's headquarters recently declared that the position in respect of th civilian population was difficult, doctor being badly needed, and the profession ha been driven to great lengths to meet th need. Doctors in the Forces had no oppor tunity to get back to their practices, an the Association was receiving many letter of protest from serving medical men, bu so far had been unable to get any satisfac tion from the authorities. The Associatio could not even find out in which group doctors were likely to be demobilised.

London Pharmaceutical Committee.—At the annual meeting of the Londo Pharmaceutical Committee held on July 1 the chairman, (Mr. C. A. Noble) welcome Mr. Clifford Evans as a new member of th Committee. The following officers we appointed: Mr. Jonah Milner, *Chairma* Mr. Arthur Wilson, *Vice-chairman*; M G. A. Tocher, *Secretary* (reappointe Mr. Milner had previously held the offi of chairman in 1926. A vote of thanks w accorded to Mr. Noble, the retiri chairman, for the valuable and conspicuo services rendered by him as chairman a controller during the previous four yea under most trying and difficult war con tions. Mr. Noble replied expressing appreciation of the generous support giv to him by the Committee, and paid a tribu to the secretary and staff for their efficie work and assistance. The annual rep was approved for circulation.

Future of Opium Control.—The Cent Opium Board of the League of Nations m in London on July 14 to give considerati to its present and future activities. T Board, which at present functions un the League of Nations, is expected to transferred to the United Nations' Orga isation set up as a result of the San Fra cisco Conference. The work of the Boa has continued throughout the war yea and for the year 1945 received returns fr forty-nine metropolitan governments a sixty-six colonies. At the outbreak of w the Board requested every government continue observing the Conventions. T

panish Government, it was reported, had t proved itself co-operative, failing to nd in reports and importing drugs much excess of its estimated quota. Turkey d been punctilious in ratifying the Conntions, and drug control was strict in gypt. Control was more difficult since the scovery that morphine could be manuctured from poppy straw.

Leeds N.P.U. Branch.—The annual eeting of Leeds Branch of the National harmaceutical Union took place on July , under the chairmanship of Miss Florence usin. Miss Cousin was re-elected for a rther year in the dual office of *Chairman* d *Secretary*, Mr. G. Eddie being rected *Minuting Secretary*; Mr. F. Mitchell, *ice-chairman*; Mr. L. Carr, *Treasurer*; d Mr. N. Hirst, *Auditor*. A *Committee* was elected comprising Messrs. Mitchell, Jones, Schofield and Stock, together with Messrs. M. N. Armitage, A. L. Peters, T. Shooter and T. Heseltine (N.P.U. executive), *ex-officio*. Discussion took place on the N.P.U. Business Purchase and Guarantee Fund, but the subject was deferred for further consideration. Mr. Heseltine gave a report on Executive activities, and on the National Health Service conference. Several members reported difficulty in getting supplies of cotton-wool, particularly 1-, 2-, and 4-oz., packages, though observations indicated that some of the departmental stores had good stocks. The matter was referred to the attention of the N.P.U. Executive. A suggestion was made that the N.P.U. might consider a collective advertising scheme.

IRISH NOTES

Eire Examination Results.—The following ndidates were successful at the July cence examination held by the Pharmautical Society of Ireland: Honours and ver medal: Margaret Jennings; honours: aurice Oliver Plunkett Collins; pass: aul Thomas Butler, Jeremiah Cuddy, ngela Flattery, Patrick Joseph Meade, hn Patrick MacDermott, Teresa Sheen, Daniel Slattery, and Patrick Francis wohig. Forty-five candidates sat for the xamination.

Irish Drug Association.—Mr. Lyall G. nith (president) was in the chair at a eeting of the committee of the Irish Drug ssociation held in Dublin on July 16. On e motion of Mr. Smith, seconded by Mr. . R. Bourke, the best wishes of the comittee were extended to Sir Thomas Robinn for a speedy recovery from his present lness. The Irish Glass Bottle Co., Ltd., quested that the attention of members ould be drawn to the fact that the comany does not at present export glass ttles. Discussion took place on the nonservance of closing hours in the Drumndra-Dorset Street area of Dublin, and e secretary was instructed to comunicate with the Irish Union of Distriutive Workers and Clerks, pointing out at this was not in accordance with a cent agreement regarding hours of busiess. Following on correspondence with a roprietary agency regarding the profit on rtain preparations the committee decided at the president and vice-president should range an interview with the principal to iscuss the matter. Members were urged not display pelmets for pharmaceutical preparations sold indiscriminately by nonpharmacist dealers. Members were also reminded that the retail prices for extract of malt and cod-liver oil of all brands were: 1 lb., 3s. 6d.; 2 lb., 6s. 6d.

Alleged Abuse of Eire Package Tax.—An allegation that the package tax was being abused by pharmaceutical interests was made by Mr. James M. Dillon during a debate on the vote for the Department of Industry and Commerce in the Dail Eireann recently. Mr. Dillon said the tax was originally introduced to induce people to bring in merchandise in bulk. What had actually happened was that, while it had been legitimately used on occasions, in a number of instances it had been used to facilitate the creation of a peculiarly malignant monopoly. It was notorious to any deputy familiar with conditions in rural Ireland that many commodities lay on the border line between the legitimate stocks of chemists' shops and those of general merchants. In the case of packaged goods "the Pharmaceutical Chemists' Society" had maintained steady pressure on the packers to consign more and more lines to registered chemists, under the threat that, if the packer did not confine a particular line of merchandise to pharmacies, chemists would not buy it at all, but buy some other packaged product. The limited number of packers in the country had made it easy for the chemists' association to extend that kind of activity widely, and to cut out from the general merchant a number of lines of business in which he was legitimately engaged, and the profits of which were an important part of his turnover.

DISINFECTANT IN LIME-JUICE BOTTLES

In the Chancery Division, London, on July 3, before Mr. Justice Evershed, L. Rose & Co., Ltd., lime-juice manufacturers, moved for an interim injunction to restrain the Crosene Manufacturing Co., Ltd., from infringing the plaintiffs' registered trade mark, and from passing off goods not of their manufacture as and for their goods. Mr. Lloyd Jacob, for the plaintiffs, said the company sold their lime juice in glass bottles of a distinctive character, which had embossed on them a representation of a branch of a lime tree and the name of the plaintiff company. This was registered as a trade mark. What the defendants had done was to procure bottles which had at one time been sold by the plaintiffs, and to fill them with a disinfecting liquid which they had offered for sale. There was no dispute as to the practice adopted by the defendants, and they sought to justify it by stating that a considerable number of embossed bottles bearing upon them the names of various manufacturers were commonly purchased in the second-hand market and used by the manufacturers of other liquors. They said, for instance, that bottles which had originally contained gin were resold containing soft drinks. Counsel submitted that the public would think that plaintiffs were content to distribute lime juice and disinfectants indiscriminately. They sold their lime juice to chemists, grocers, wine merchants, etc., and endeavoured to get back as many of their bottles as possible by making an allowance for each bottle returned.

Unmarked Bottles Preferred

Mr. J. Mould, for the defendants, said they bottled a bleaching and disinfecting liquor under the trade mark Crosene. Owing to conditions arising out of the war, the defendants, in common with other users of bottles, were compelled to make use of already used bottles, for which there was a well-established and recognised market. Defendants would prefer to use standard unmarked bottles, which were cheaper, but they were compelled to use any kind of second-hand bottles which they could obtain. Under an order of June 11, 1943, manufacturers of soft drinks were compelled to form an organisation known as the Soft Drinks Industry. They were prohibited from selling their products under the individual brand-marks, and they were compelled to market their products under a label bearing the letters S.D.I. Thus no maker of soft drinks had been able to offer to the public his products as his own, a had been compelled to market them un the letters S.D.I. For several years it h not been possible to purchase plainti products as such. It was fantastic, s counsel, to suggest that there was a infringement of plaintiffs' trade mark that case in respect of bottles. The bot remained plaintiffs' merchandise whate happened, and the fact that it was used someone else's merchandise did not aff the matter.

Mr. Justice Evershed said he need i trouble Mr. Mould as to the alleged passi off, as he did not think there was evide which would support interlocutory rel So far as the trade mark was concerned, would not be prepared to grant an int locutory injunction but, if the part desired to argue the matter further as separate issue, he would fix an early d for further argument. Otherwise th would be no order on the motion. I Lloyd Jacob said his lordship would notified if the parties desired the trade-m issue argued.

HOSPITAL SALARIES

Agreement is announced between [Hospitals] Professional Staffs Commit (representing the Institute of Hospi Almoners, Guild of Public Pharm cists, Chartered Society of Physiothera Society of Radiographers and Associat of Psychiatric Social Workers) and Joint Negotiating Committee on Salar and Wages (Hospital Staffs) on the sett up of joint negotiating machinery to co sider salaries and conditions of service local government and voluntary hospit and in the public health services general The Joint Negotiating Committee was up as from June 1, and consists of six me bers nominated by the Association of Mu cipal Corporations; six by the Brit Hospitals Association; six by the Cou Councils Association; three by the Lond County Council; three by the Men Hospitals Association, and twenty-o nominated by the Professional Sta Committee. In the event of other p fessional staff organisations joining t Professional Staffs Committee, that co mittee is entitled to nominate additio members as allocated by the Joint Co mittee. The Joint Committee may al if it thinks fit, admit other professio organisations representing either employ or staff. Subcommittees are being set up

TOPICAL REFLECTIONS

Control Relaxed

Your helpful analysis of the forthcoming rce Substances Order (p. 67) shows arly what the new position in respect of eral articles scheduled as scarce in 1941 d 1942 will be. On the principle of being nkful for small mercies we must accept s relaxation of control with becoming titude. Many chemists in business uld, I think, have preferred to see aro- tic spirit of ammonia released for general pensing and sale instead of, say, spirit nitrous ether; but the reasons for official ice in individual cases will probably nain profoundly secret. We all agree that ne forms of war-time control must con- ue for a considerable time to come in der that spasmodic jolts to British com- rce may be avoided. It is of the utmost portance, however, for our legislators to nember that all official compulsion yond a point needed for sound adminis- tion has a deadening effect on the many mplex and interrelated transactions that llectively make up our home and export de. For several months—let us hope ey will not become years—the "overall" ding position is likely to be conditioned the increasing impatience of business n who chafe against official caution yielding to demands for better sup- ies and greater freedom in using them. ive us the tools and we will finish the b" is an aphorism with more than one plication.

nference Chairman's Address

In his second address as chairman of the ritish Pharmaceutical Conference (pp. 65, 3–72), Mr. Brindle has filled in much of the tail, left in outline by him a year ago, of iversity courses in the subjects that form e pharmaceutical curriculum in Great ritain. This authoritative statement by n experienced educationist will no doubt e kept for reference by many of your aders. Had time permitted, the chairman ight have added a few words of guidance n the choice between a university and an nattached school, briefly referred to in his rlier address. This problem may present serious difficulty to prospective students nd their parents or guardians. What is ained by studying at a university rather nan elsewhere? The late Sir John Marriott as told us, in his short book on Oxford, nat the "studium generale" from which the nediæval university developed was not a lace where all kinds of subjects were taught but a place where all kinds of students assembled. In that statement we have a clue to the essential virtue of a university training: not what but how the student learns is the fundamental principle. In the contact with other minds of many types, in the lecture room and outside, the adolescent "finds himself," establishes a working relation with the universe, and is taught to avoid narrow specialism. A sentence recently taken from the report of a commission which met under the chairmanship of Mr. Justice Asquith is relevant: ". . . universities serve the double purpose of refining and maintaining all that is best in local traditions and cultures, and at the same time of providing a means whereby those brought up under the influence of those traditions and cultures may enter on a footing of equality into the world-wide community of intellect."

The End in View

It may be urged that the objective of the average pharmaceutical student is to prepare to earn a living, not to become an educated man in the fullest sense of the word. But even on this narrower view there is much to be said for the choice of a university training. A superficial observer may still contend that the dice are loaded in favour of the wealthy who attend our universities. The fact is, on the contrary, that poor students are likely to outrun their richer competitors in the scholastic race for degrees by reason of having fewer temptations to fritter away their time. It is on record that a Victorian undergraduate who afterwards became a Cabinet Minister once expressed astonishment when reminded by the head of his college that the date of an examination was near, and blandly asked for further information. That species must be nearly extinct by now. Given the will to work hard, a student will be able to look back on his life in his university with satisfaction, and in the long run will overtake competitors who may have had a more intensive technical training. It does not follow, however, that university preparation for a career in pharmacy is necessarily best for everyone. Other factors come into play—distance from home, companionship with old friends, immediate prospects after qualification, to name only a few. Every student and his or her advisers must take counsel together and decide this question in the light of all the circumstances so far as they can be assessed.

Xrayser

COMPANY NEWS

T. P. Martin, Ltd. (P.C.).—Capital £5,000. Wholesale or retail chemists, etc. Thomas P. Martin, M.P.S., and Lina M. Martin, M.P.S., directors. R.O.: 21 High Street, Cardiff.

J. Eric Jones, Ltd. (P.C.).—Capital £100. Chemists, druggists, etc. John E. and Dulcie O. Jones, directors. R.O.: Gaisford House, King Street, Laugharne.

Bateson Bros. (Liverpool), Ltd. (P.C.).—Capital £10,000. To acquire the business of glass bottle manufacturers and dealers carried on as Bateson Bros., Spekeland Road, Liverpool. George E. Bateson and Herbert A. Bateson, directors. R.O.: Victory Glass Bottle Works, Alexandra Road, Edgehill, Liverpool.

Pharmaceutical and Allied Chemicals Disposals Association, Ltd.—Registered July 17 as a company limited by guarantee without share capital, with 100 members each liable for £1 in the event of winding-up. Objects: To co-ordinate and regulate the activities of members with regard to the disposal of goods obtained by the Association or its members under the direction of the Ministry of Supply; to purchase, control the sale of, and distribute, under the direction of the Ministry, any surplus, second-hand, reconditioned or salvaged pharmaceutical or allied chemicals, etc. Members' annual subscription, £10. The subscribers are: Ayrton, Saunders & Co., Ltd.; T. A. Ward & Co., Ltd.; Howards & Sons, Ltd.; W. J. Bush & Co., Ltd.; Potter & Clarke, Ltd.; Thomas Morson & Sons, Ltd.; W. & R. Hatrick, Ltd.; The British Drug Houses, Ltd.; Whiffen & Sons, Ltd.; Evans Sons Lescher & Webb, Ltd. The first members of the committee are to be the above subscribers or their representatives. The Ministry of Supply may appoint a committee member.

Dufay-Chromex, Ltd.—Trading profit for year to September 30, 1944, amounted to £182,695, against £56,256 in the previous year. Net profit (£57,719) has been carried to revenue account, leaving a debit balance of £253,308 as at September 30, to be written off in accordance with terms of capital reduction scheme.

Supplemental Dividend. — Herbert George Boyce, M.P.S., 13 Cheviot Street, and carrying on business at 28 Canwick Road, Lincoln: Supplemental dividend 5¼d. in the £, payable July 13.

RENEWING CONTACTS WITH EUROPEAN PHARMACISTS

With the object of re-establishing contac with pharmaceutical organisations in Be gium, Holland, Denmark, Norway, Swede and Luxemburg, the secretaries of th Association Generale des Syndicats Pha maceutiques de France, the Pharmaceutic Society of Great Britain, and the Socié Suisse de Pharmacie have jointly sent ou the following letter:—

Dear Colleagues,

We believe that, now that the Europea war has been concluded, a beginning shoul be made to re-establish contacts betwee some of the pharmaceutical bodies whic had before the war friendly relations wit one another through the International Pha maceutical Federation.

Offer of Advice

In order to take the first steps we hav consulted together by post and have decide to send this letter to our colleagues in som of the European countries. Our immediat object in doing so is firstly to assure ther of our moral support in dealing with thei problems of reconstruction; then to invit them to call upon us for any advice o information which we can furnish withi the limits imposed by practical conditions further, to suggest that they request an members of their organisations who ma be in the cities (London, Paris, Zurich where our headquarters are situated to cal and establish personal contact; and t invite them to send to us a short repor of the present organisation and condition of pharmacy in their country, together wit the names and addresses of the nationa organisations and their officers.

We hope that this small beginning ma be followed by more substantial step towards the establishment of intimate rela tions between some of the pharmaceutica bodies of Western Europe which ma develop with the passage of time and th re-establishment of communications into a more permanent contact leading to th re-creation of an International Pharma ceutical Federation. We take this oppor tunity of sending our personal greetings and of assuring you that we are individually at your service for any assistance which we can render.

(Signed)
P. Martinot.
Hugh N. Linstead.
London. Dr. H. Spillmann.

TRADE NOTES

oliday Closings.—JOHNSON AGENCIES OPRIETARIES), LTD., 86 Clarendon Road, ydon, Surrey, will be closed from ust 3 to 13.—PHARMACEUTICAL SPECI-IES (MAY & BAKER), LTD., will be ed from August 3 to August 8. Urgent plies may be obtained in London from n Bell & Croyden, 50 Wigmore Street, , or Curtis & Co., Ltd., 79 Baker eet, W.1.

educed Prices for Electric Lamps.—nens Electric Lamps & Supplies, Ltd., 39 Upper Thames Street, London, E.C.4, e issued a new list of reduced prices electric lamps. A copy will be sent to chemist on request.

irect Delivery Service.—British Cod er Oil Producers, Hull, Ltd., have igurated a direct delivery service. Order ns are obtained from Hull, and returned er direct or through a wholesaler, and ounts are charged through usual whole-channels.

antern Lecture on Oxygen Therapy.—educational lecture on "Oxygen rapy," in a style suitable for presenta-n to doctors, nurses, students, etc., illustrated with lantern slides showing manufacture of oxygen, installations in pitals and apparatus used in administra-n, is available on loan, without charge, n Oxygenaire, Ltd., 8 Duke Street, gmore Street, London, W.1.

hotographic Chemicals.—A reminder t Tabloid photographic chemicals are longer in short supply comes in the ouncement that Burroughs Wellcome & , London, have just published a price of these products. The list is printed stout card and provided with cord for ging. Copies may be obtained from the npany at 183–93 Euston Road, London, V.1, on application accompanied by one ny stamp.

enicillin Ointments.—Owing to difficul-s in dispensing, a demand has grown for eady-packed sterile base suitable for paring penicillin ointments. Arrange-nts have accordingly been made by the istry of Supply for three manufacturers offer a sterile ointment base in pots of ut 1 oz. (30 gm.) content to which an opriate quantity of penicillin solution be added and readily incorporated. e makers are Boots Pure Drug Co., Ltd., tion Street, Nottingham; The British ug Houses, Ltd., Graham Street, City Road, London, N.1; and Burroughs Wellcome & Co., 12 Red Lion Square, London, W.C.1. It should be noted that the base is available exclusively for hospitals.

Dental Cream "Life-Saver."—A recently repatriated British prisoner of war, when captured three years ago during the African desert campaign, was forced to march for several days with little or no water to drink. Many of his comrades collapsed and did not finish the march. He himself "chewed" the contents of a tube of Kolynos dental cream and found that it slaked his thirst—the foam keeping the mouth, lips and throat moist, thus preventing swelling. No doubt, the tooth-paste encouraged the flow of saliva. The returned soldier declares that this strange use of dental cream enabled him to over-come the tortures of desert thirst and that it probably saved his life.

Business Changes

MR. WILFRED O'DONNELL, M.P.S.I., has opened a pharmacy at Cahir, co. Tipperary.

J. GROSSMITH & SON, LTD., removed on July 25 to 45 Piccadilly, London, W.1.

MR. T. A. MATTHEWS, L.P.S.I., has opened a pharmacy at Ardee, co. Louth.

TIMOTHY WHITES & TAYLORS, LTD., have acquired the business of Wands, Ltd., Leicester. Messrs. Wands have eleven branches in the city.

MR. H. T. SAMUEL, M.P.S., has reopened his business at the Central Pharmacy, 2 Raglan Street, Lowestoft, after an absence of four years due to bomb damage.

MILTON ANTISEPTIC, LTD., are transferring their accounts department, including the invoice and order sections, to their head office, 10–12 Brewery Road, London, N.7, during the week commencing July 23.

MISS WILHELMINA STRACHAN BRYSON, M.P.S., has acquired the business of the late Mr. Robert Donald Douglas, 1 Brandon Terrace, Edinburgh. Miss Bryson has been associated with the business for several years and will continue to trade under the name of R. D. Douglas.

THE consulting practice of the late Mr. Frank H. Sedgwick is to be continued at 9 St. Stephen's Road, Hounslow, Middlesex. Dr. A. G. Innes, F.R.I.C., M.I.Chem.E., a close collaborator with Mr. Sedgwick for a number of years, will continue in a tech-nical and advisory capacity.

BIRTH

Cox.—At Dar-es-Salaam, on July 3, Dorothy (*née* Coulton), wife of Sydney C. Cox, M.P.S., formerly representative for North and North-west London of Pharmaceutical Specialities (May & Baker), Ltd., Dagenham, of a son (Philip Stuart).

MARRIAGES

Kelly—Dunne.—At the Catholic Church, Rathmines, recently, Mr. Peter Kelly, M.P.S.I., 120 Summerhill, Dublin, to Sadie Dunne, Grove Park, Rathmines.

Silver Wedding.—Cowe—Banks.—At St. Mary's R.C. Cathedral, Edinburgh, on July 17, 1920, Richard Cowe, M.P.S., to Catherine Banks. Present address, Avalon, Dunbar Road, Haddington, East Lothian.

DEATHS

Ambrose.—On June 25, Mr. Robert Ambrose, M.P.S., 61 Goldhurst Terrace, London, N.W.6, aged sixty-three.

Buchanan.—On July 10, after a brief illness, Mr. Jack Buchanan, M.P.S.N.I., The Pharmacy, Rosemount Avenue, Londonderry. Mr. Buchanan was secretary of the Derry Chemists' Association. A native of Banbridge, co. Down, he went in 1930 as assistant in the firm of Mr. James Glendinning, Ph.C., Waterloo Place. Nine years ago he commenced business on his own. Mr. Buchanan took a great interest in sport, and was a member of the former City of Derry Boating Club. He played hockey, football, badminton, tennis and bowls. During the war he acted as gas-identification officer. He was prominently associated with the Masonic Order and was a member of Abercorn Lodge 515 and of R.A.C. 640. He is survived by his widow and mother. At the funeral on July 11, several members of the Londonderry Chemists' Association were present.

Craig.—At 5 West Savile Road, Edinburgh, on July 18, Mr. Nicol Miller Craig, M.P.S., aged eighty.

Hughes.—On July 19, after a long illness, Mr. Robert E. Hughes, for nearly thirty years representative in South Wales for C. W. Field, Ltd. (essences), Hunts Cross, Liverpool.

Ralley.—At Market Place, Langholm, Dumfriesshire, on July 9, Mr. Alexander Ralley, M.P.S. Mr. Ralley qualified in 1915.

Raybould.—On July 14, Mr. George Raybould, M.P.S., governing director of Raybould, Whitehouse, Ltd., manufactu ing chemists, Reform Works, Dudle Worcs, aged seventy-four. Mr. Raybou qualified in 1896.

Riley.—On July 7, Mr. Joseph Arth Riley, Ph.C., 415 Pinner Road, Harro Middlesex, aged eighty-one. Mr. Riley w for thirty years in business at Shepherd Bush Road, Hammersmith, London, W.

Robertson.—At Bordeaux, on July 18, the result of a sudden heart attack, M G. G. Robertson (W. H. Hobbs & Co., Ltd Mr. Robertson was appointed in 1943, account of his knowledge of Europea languages, and of Hindustani and Chines to a position as King's Messenger under t Foreign Office. At Dakar, early in h service with the Foreign Office, he suffer a bad attack of fever, from which he r covered. Mr. Robertson served througho the war of 1914–18, attaining the rank Captain in the Royal Flying Corps.

Runciman.—At 49 Moulin Road, Ca donald, Glasgow, on June 30, Mrs. Catheri J. Smith Runciman, wife of Mr. Donald Runciman, M.P.S.

Seed.—On July 11, Mr. Thomas Hen Seed, M.P.S., 41 Montague Road, Bourn mouth, aged seventy-five.

Senior.—On July 5, Miss Helen Cla Senior, M.P.S., 2 Compton Street, Eas bourne. Miss Senior qualified in 1917.

Smart.—On June 17, Mr. Frederi Smart, M.P.S., 33 High Street, Steynin Sussex, aged sixty-six. Mr. Smart qualifi in 1900.

Walton.—On July 2, while on acti service, Warrant-Officer W. Harry Walto elder son of Mr. W. H. Walton, M.P.S Kegworth, Derbyshire.

PERSONALITIES

Sir Thomas Robinson, who has been since early in July, was reported on July to be "getting on as well as could expected."

Mr. and Mrs. A. L. Simpkin (managi director and secretary respectively of A. Simpkin & Co., Ltd., Sheffield) celebrat their silver wedding anniversary on June 1 130 of the employees presented them wi a silver salver inscribed "as a token of t esteem and affection of the employees the company." Speeches were made the managers on behalf of their department and Mr. Simpkin voiced the thanks of h wife and himself.

BRITISH PHARMACEUTICAL CONFERENCE

HE eighty-second session of the British harmaceutical Conference was held in ondon on July 18, Mr. H. Brindle, B.Sc., .C., F.R.I.C., in the chair. Supporting e chairman on the platform were Mr. R. R. ennett; Dr. G. R. Boyes and Mr. H. Treves own (joint secretaries); Dr. C. H. Hampire; Mr. H. N. Linstead (secretary, harmaceutical Society); Mr. A. R. Melish; Dr. T. E. Wallis and Mr. J. C. Young resident, Pharmaceutical Society).

MR. J. C. YOUNG welcomed the members. e said they were profoundly thankful that is Conference, the first following the eatest war in history, could be held in such anquil conditions. He paid a tribute to e late Mr. C. E. Corfield, who had been Conference secretary for seventeen years, d to the late Mr. Herbert Skinner, a st-chairman.

MR. BRINDLE then gave his Conference ldress, an abstract of which was published the *C. & D.*, July 21, pp. 68–72.

hanks to Chairman

DR. C. H. HAMPSHIRE, in moving a vote thanks to the chairman for his address, id the subject was one of great importance, t only from the point of view of training harmacists, but also as part of the liberal lucation which would develop the scienfic spirit and ideas and tend to make the harmacist not only a good pharmacist ut a good and useful member of the comunity in general. Personally he liked to ink of pharmaceutical chemistry as a ubject by itself, properly and logically evised and arranged and forming an rganic whole, rather than as a collection f snippings from the larger subject of hemistry. The chairman, who was an xperienced teacher, had been closely ssociated with the development of pharnaceutical education, training and exammation, from its somewhat small beginnings o the position of almost university standing hat it now occupied, and he had contriuted much to that development.

He thought that everyone present would e in agreement with the chairman's remarks about research. One of the reasons for the existence of the Conference was that t might provide a medium for the encouragement and the publication of research, and he was glad to hear that it was proposed to publish the research list of the Conference again annually.

Seconding the vote of thanks, DR. W. H. LINNELL said the chairman had shown pharmaceutical chemists that they could be very proud of the history of their subject. He was inclined to agree with Dr. Hampshire's suggestion that the time had come when pharmaceutical chemistry should be an independent subject and carry the status within the university of any first-class subject. He agreed with the chairman that the greatest handicap to students who wished to go on to the higher branches of pharmaceutical chemistry education was their lack of a knowledge of mathematics, and he hoped that in the new intermediate examination some knowledge of chemistry, physics, biology and mathematics would be demanded. He believed that pharmaceutical chemistry, like any other scientific subject, would stand or fall by its records in research, and he therefore agreed with the chairman in emphasising the importance of research in all scholastic institutions.

The vote of thanks was accorded with acclamation.

THE CHAIRMAN, in replying, said he was sure that his address had been greatly increased in value by the remarks which Dr. Hampshire and Dr. Linnell had made.

Annual Report

The annual report of the Executive Committee was presented by DR. G. R. BOYES. The report said that the members of the Executive were grateful to members of the Conference who, by service with the Armed Forces, by research in scientific laboratories, or in the course of their civilian occupation, had contributed to the Allied victory in Europe. Arrangements for the meeting had again been made by a subcommittee consisting of the London members of the Executive, with Mr. T. Marns as chairman and Dr. G. R. Boyes as secretary.

The Executive recorded with deep regret the deaths of two of its members: Messrs. Herbert Skinner and C. E. Corfield. Mr. Skinner had been chairman in 1932 and was for many years active in organising the sports day which was a popular feature of former peace-time Conferences. Mr. C. E. Corfield retired in 1944 from the office of honorary general secretary, a position he had filled with distinction for seventeen years. To his ceaseless efforts in furthering the scientific work of the Conference, the continued and growing success of the science sessions was in itself a lasting testimony. The Executive had hoped that he would have accepted an invitation to fill the

BRITISH PHARMACEUTICAL CONFERENCE

London 1945

1. Mr. H. Brindle (chairman of the Co ence) and Mrs. T. Marns.

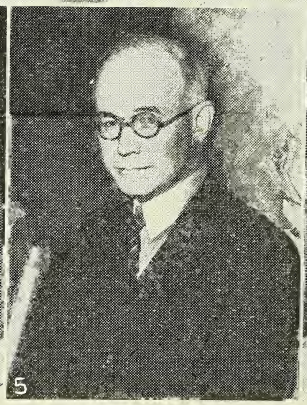
2. Mr. and Mrs. F. G. Wells.

3. Mr. J. Milner, Mr. Sar Hague and Mr. W. J. Willi

4. Mr. H. Humphreys Jo

5. Mr. J. C. Young (p dent of the Pharmaceu Society).

6. Mr. B. A. Bull (chair of the Conference, 1945–



T THE CONFERENCE UNCHEON, VALDORF HOTEL, ONDON

7. Group including American visi-ors. Left to right (facing camera): Ir. G. S. Dunbar, Dr. T. Dewar, Ir. H. B. Fonda and Mr. A. H. F. hompson.

8. Mr. H. Treves Brown (joint eneral secretary of the Conference) nd Mrs. Treves Brown.

9. A group including women phar-acists.

10. Part of the company.

highest office of the Conference at a future meeting. It had been planned to make a personal presentation to him at the 1945 meeting as an expression of appreciation of his services to the Conference. It was now proposed to use the money subscribed, together with other subscriptions that would be forthcoming from a wider appeal, to institute some form of permanent memorial in his memory.

Officers of the Conference

The Executive Committee nominated the following officers for 1945–46: *Chairman*, Mr. B. A. Bull; *Vice-presidents*, Messrs. J. F. Tocher, D. Hooper, E. Saville Peck, and C. A. Hill; *Vice-chairmen*, Messrs. F. W. Gamble, R. R. Bennett, J. H. Franklin, C. H. Hampshire, F. W. Crossley-Holland, H. Deane, H. Humphreys Jones, A. R. Melhuish, T. E. Wallis and H. Brindle; *Treasurer*, Mr. T. Marns; *General Secretaries*, Messrs. G. R. Boyes and H. Treves Brown; *Other members of Executive*, Messrs. K. Bullock, H. Davis, J. C. Hanbury, F. Hartley, D. McCall and R. Maxwell Savage, with Messrs. C. Davis, G. R. Knox Mawer and F. G. Wells nominated by the Council of the Pharmaceutical Society. The above persons would be the officers of the Conference, together with the following *ex-officio*: *President*, the president of the Pharmaceutical Society of Great Britain; *Other members of Executive*, the presidents of the Pharmaceutical Society of Ireland and Pharmaceutical Society of Northern Ireland, and the chairman of the North British Executive of the Pharmaceutical Society of Great Britain.

Arrangements for Future Meetings

The place for next year's meeting had not been decided, but the Executive confidently anticipated some relaxation in the austerity that had characterised the meetings during the past six years. So soon as circumstances permitted, it was hoped to resume the programme of provincial meetings. An invitation had been received for an early meeting in Torquay, and correspondence with other branches of the Society was in progress.

The adoption of the report was moved by Mr. Brindle and seconded by Mr. F. G. Wells. Mr. Brindle said a considerable sum had already been raised towards the proposed Corfield memorial, and it was felt that some scheme could be embarked upon. An appeal would shortly be made to members of the Conference, and it was confidently hoped to raise a sum of £500.

Treasurer's Report

The treasurer's report, read by Mr Treves Brown, stated that income subscriptions paid by elected member 1944 totalled £73 10s.; in additio composition fee of £25 had been rece under Rule 2 from the Pharmaceu Society of Northern Ireland. These amo had been credited to the account of "Quarterly Journal of Pharmacy Pharmacology." On the expenditure the general expenses of the Conference £159 8s. 6d. The figures were include the Pharmaceutical Society's financial st ment, presented at the Society's an meeting in May. The total am expended was £46 6s. 7d. more than in Apart from figures to which reference been made, the Conference balance s showed, on the assets side, Consols to nominal value of £1,250, savings bond the nominal value of £200, and cash at bank amounting to £147 6s. 3d.

The adoption of the accounts was posed by the President and seconde Mr. F. G. Wells. The election of offi was proposed by Mr. J. N. Gough seconded by Mr. H. G. Rolfe.

Mr. B. A. Bull (chairman for 1945 replied on behalf of the new offi Mr. H. Humphreys Jones thanked the c man, Miss Mozley-Stark seconding.

Social Side

A small but successful effort was mac break away from the austerity of war- conditions. In pre-war years the outst ing social event in British pharmacy the British Pharmaceutical Conference, in war-time the Conferences have of nece been confined to scientific matters. two innovations this year were a dinner a short concert. With the removal of time strain, which was considerably during the past few years, members peared to be better able to enjoy thems and to relax more freely between scientific sessions. Many of the members of the Conference remarke the presence of new faces, and there s no doubt that younger members of class calibre are taking an increased int in Conference affairs. While the venu next year's meeting has not yet decided there is every prospect that Conference will return, if not fully, at partly, to its pre-war importance pharmaceutical occasion.

In Constant Demand.—Waste pap still urgently required for salvage.

NORTH BRITISH EXECUTIVE

MEETING of the Executive of the North tish Branch of the Pharmaceutical iety was held in Edinburgh on July 11, . John Anderson in the chair.

THE CHAIRMAN reiterated members' preciation of the services rendered by one retiring member of Executive and two members who had been out-voted. was sure they would wish to record their preciation of the great work done for rmacy by Mr. Jack throughout a long iod of years. He would also like, on alf of the Executive, cordially to lcome the new members.

icers and Committee

Messrs. John Anderson, Dundee, and xander Murray, Glasgow, were unanisly elected *Chairman* and *Vice-chairn* respectively. The *Committees* were pointed as follows:—

General Purposes.—The chairman, vicirman, Messrs. Beattie, Culbert, Drumnd, Gilmour and McAdam.

Nomination of Examiners.—The chairman l vice-chairman, Messrs. Guthrie, Melm and Milne.

Education.—The chairman and viceirman, Messrs. Cowie, Drummond, Guth, Meldrum and Milne.

Parliamentary.—The chairman and viceirman, Messrs. Beattie, Bennett, Coutts, lbert and MacDonald.

Committee of Inquiry.—The chairman, e-chairman (co-opted), Messrs. Coutts, lbert, Drummond and Guthrie, with wers to co-opt.

It was agreed that the chairman and e-chairman of the Executive, together th the resident secretary, should, if ssible, represent the Executive at the itish Pharmaceutical Conference.

A list of divisional secretaries for 1946 s approved; it included the following erations from the 1945 list: *Counties of berdeen and Banff*, Aberdeen South, Mr. J. Cowie, 14 Bridge Street, Aberdeen. *unty of Dunbarton*, County Division, Mr. enneth Mackenzie, 71 Bank Street, exandria.

nevolent and War Aid Funds

Mr. A. A. MELDRUM pointed out that, by llecting subscriptions for the Benevolent nd personally, members could draw tention to the covenant scheme, whereby member promises to subscribe for a period seven years, thus saving on income tax; is was really the best way to support the Fund and should be more widely known. Mr. Meldrum also said people in many parts of the country thought that, because the war in Europe was finished, subscriptions to the War Aid Fund should cease, but the Council considered it desirable to leave the subscription list open until the end of the year, when the position would be reviewed. He had tried to get the Scottish Pharmaceutical Federation Executive to agree to make some arrangement whereby the sum donated to the War Relief Fund in Scotland might be allocated to the War Aid Fund.

BATH NON-PROPRIETOR PHARMACISTS' COMMITTEE

EMPLOYEE pharmacists in Bath and district, who had been invited by the officers of the local Branch of the Society to attend a special meeting, discussed on July 18 the formation of a standing committee of non-proprietor pharmacists. Mr. Lionel Williams (branch chairman) presided, and the secretary (Mr. T. Swain) was in attendance. An outline of the proposals was put forward by MR. A. O. BARTON, who said it had occurred to him that non-proprietor pharmacists were approaching a very difficult time. Demobilisation from the Forces and the reorganisation taking place in pharmacy today were matters in which employee pharmacists had at present little say. There were also questions about which employee pharmacists were diffident to speak, and others that could not be discussed in a branch meeting embracing all classes of members, and matters affecting returned Service pharmacists.

A principal function of the proposed standing committee would be to allow returned pharmacists to air any grievances before a committee of their colleagues, and he thought it would be found that in nine cases out of ten bringing the complaint to light would be sufficient to ensure a solution. Any general grievance involving a matter of principle could be referred either to the Society or the National Pharmaceutical Union. Secondly, it would be likely that employee pharmacists would have a special interest in the National Health Service proposals. MR. BARTON moved a resolution that a standing committee of non-proprietor pharmacists should be formed as an independent body, and the motion was seconded by MR. W. I. LACY and carried unanimously. Mr. A. O. Keefe was appointed *Chairman* and Mr. A. O. Barton, 3 Westfield Close, Englishcombe Lane, Bath, *Secretary*.

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OL. CXLIV JULY 28, 1945 NO. 3416

Suggested Code for Food Advertisers

OOD manufacturers have not infrequently licated, through their organisations, the sirability of reasonable control of statents on labels and in advertisements garding vitamins and minerals in prossed foods. They will therefore be inrested in the code of practice for such vertisements just published by the nistry of Food (p. 95), whilst wishing at their collaboration had been invited. e code is based mainly on recommendaons from the Medical Research Council, hich cannot have very close acquaintance th all the industrial problems involved, d should have welcomed helpful criticism. The main principle of the code (that ims should be made only when a reasonle daily intake provides a minimal oportion of the daily requirement of the tamin or mineral) has been previously scussed (*vide* "FOOD." 1944. 13, 50, 64, , 92, 95, 217). It was suggested that tamin and mineral contents should be ated not in μgm., mgm. or i.u., but in some nple manner related to their daily reirements and more readily understood by e general public. The official objection s the difficulty of defining these requirents with sufficient accuracy. We therere observe with interest that the Ministry s now published a list of requirements ffering rather widely from the National Research Council's list, which has been approved by the Ministry and by most responsible workers. The new requirements are 40–83 per cent. of the N.R.C. figures. If the latter were considered too high for the purpose of the Labelling of Foods Order, the various percentages of the requirements should have been put lower instead of publishing new figures without the necessary experimental data. Since the Ministry discourages claims for phosphorus, why has it now published a figure for the requirement of this nutrient, not given in the N.R.C. figures?

No Allowance for Variations

The present code is based on adult requirements and makes no allowance for variations due to stress (pregnancy, lactation) and the age of children and infants, all carefully considered in the N.R.C. figures. It leaves untouched the difficult problem of carotene. These and other problems demand further study, in which more help should be accepted from academic and industrial workers. The Ministry seems to think that the administration of the Order can safely be left in the hands of the local authorities, but public analysts have much to learn about the estimation of vitamins, and the guidance should be available of a suitable central body representing interests involved. Perhaps such a body may develop from the vitamin subcommittee and panels recently set up by the Society of Public Analysts, on which academic and industrial workers (including pharmacists) are serving.

A Plan for Non-proprietor Pharmacists

A STANDING Committee of Non-proprietor Pharmacists, formed at Bath on July 18 (see p. 91), may prove to be the first of many such bodies. If so, it would herald a new era in the organisation of an important group of qualified men and women, constituting more than half the membership of the Pharmaceutical Society.

In the past, efforts to organise employees have been singularly unsuccessful. It is possible that in Bath a finger has been put on the weak spot. Apart from the Guild of Public Pharmacists, which

does not set out to serve more than a limited section of employee pharmacists, all employee bodies so far set up have been organised from outside or from above.

A feature of the Bath scheme is that it has arisen spontaneously from below. Mr. A. O. Barton, who has been the prime mover, is himself a manager of a private pharmaceutical business, a member of the executive of the local branch of the Pharmaceutical Society, and its present vice-chairman.

Functions of Standing Committee

It is not our intention to suggest, of course, that the new committee is in any way a rival to, or even comparable with, existing employee organisations. It does not set out to function as a trade union, its aims being professional rather than economic. It aims, moreover, to embrace not only qualified assistants in shops, but also managers, hospital pharmacists, and members engaged in wholesale trade or in scholastic or other avenues of employment. The principal functions of the standing committee are to be two in number. It will do everything in its power to smooth out the difficulties of demobilised pharmacists who may find it hard to adjust themselves once more to civilian conditions, and it will keep an eye on the position of employee pharmacists in the new National Health Service when that is established. On this basis the committee has secured the goodwill of the local branch executive, whose chairman (Mr. Lionel Williams) and secretary (Mr. T. Swain) not only summoned the inaugural meeting, but were themselves present and gave useful assistance and advice.

In a wider sense the committee will co-operate with, strengthen and invigorate the activities of the local branch of the Society, and provide an instrument with which any point of difference arising between employees and employers locally can be set in its correct perspective. Clearly, it could happen that these aims might impinge upon those "business" affairs of pharmacists into which the Pharmaceutical Society is debarred by the Jenkin decision from entering. For this reason, the new committee, though formed with the active assistance of the Branch, has taken on a independent existence and will not be i any sense a subcommittee of the loc executive. It will have its own officers an call its own meetings.

The need for such a committee is like to be increasingly felt in the coming month and in commending the initiative the non-proprietor pharmacists of Bat we may suggest that their innovation worthy of being adopted in areas throug out the country. Given sufficient suppo elsewhere, it could lead to fruitful region and even national developments. Nor there any reason why a local standi committee need upset members of existi trade unions or professional guilds.

Collecting Rose Hips

A NOTE from the National Rose Hip Pr ducts Association serves as a reminder th the season for collecting these valuab natural vitamin-containing fruits is a proaching. Last year the weight of hi collected throughout the country totall 400 tons, compared with 500 tons in 194 given good weather and an adequate nu ber of collectors it is hoped that this yea yield will exceed all previous figur Chemists have a practical interest in t collection scheme because the sale of t rose-hip syrup is restricted to them, a the proportion of vitamin C contained the finished product is claimed to exce that of any other similar preparati Chemists have given valuable assistance the past by allowing their premises to used as depôts, and their help is invit again for the coming season; it is hop that others who have not previously assis in the work may now be prepared to do Even where a depôt already exists, chemi can give help in publicising the scher particularly among teachers and scho children, and by means of window bi The posters are obtained from depôts, a give the name and address to which rose hips may be delivered. Details of scheme may be obtained by chemists fr their usual suppliers. Demand for natio rose-hip syrup made from collected rose h is as great as ever, and the quantity p duced has never been sufficient to sup all needs.

FOOD LABELS AND ADVERTISEMENTS

HERE a food advertisement or label claims suggests that the food concerned contains tamins or minerals it must, under the abelling of Food (No. 2) Order, 1944, sclose the quantity of each of the vitamins minerals claimed to be present. Mere sclosure of the quantity is not sufficient, wever, to prevent the advertisement or bel from being misleading within the eaning of Regulation 1 of the Defence ale of Food) Regulations, 1943, if statents or suggestions are made in it which ply that the food has a nutritional or tary value in consequence of the presence the vitamins or minerals which is in fact t warranted by the quantities present. A cision as to whether any particular statent is misleading is, of course, given only a court of law. In response to many quests from traders for guidance, the inistry of Food has nevertheless prepared statement which is intended to indicate e limits of what may reasonably be claimed r a food according to the quantity of tamins or minerals it contains.

The dietary value of vitamins and nerals obviously depends not only on the nount present in a given quantity of the rticular food, but on the amount present that quantity which a consumer takes a day. In other words, the amount ich an average consumer may reasonably expected to consume daily should con-n not merely a significant quantity of vitamin or mineral in question, but a antity sufficient in the light of modern tritional science to justify whatever ference is made to it in the advertisement on the label. The statement given below s been prepared after recommendations the Medical Research Council have been nsidered, and the Ministry of Food ggests that it should form a code of actice to ensure that references in adverements and labels are not misleading.

de of Practice

(1) Unless the amount of the food that uld ordinarily be consumed in one day ntains at least one-sixth of the daily quirement of the vitamin or mineral (*a*) no im based on its presence should be made, d (*b*) no reference to its presence is stified in any advertisement for the general blic, or on any label. (The inclusion of a neral salt in the statement of ingredients quired by the Labelling of Food Order ll not of itself be regarded as implying e presence of a scheduled mineral.)

(2) Unless the amount of the food that would ordinarily be consumed in one day contains at least one-half of the daily requirement of the vitamin or mineral, no claims are justified which imply that the food is a "rich" or "excellent" source of the vitamin or mineral.

(3) Unless the amount of the food that would ordinarily be consumed in one day contains at least the full daily requirement of the vitamin or mineral, no reference is justified to the value of the food for the prevention or cure of disease due to the lack of the vitamin or mineral present in the food.

(4) Claims based on the presence of more than one vitamin or mineral should not be made unless each such vitamin or mineral is present in the proportion necessary to justify the claim.

(5) There is no evidence of a deficiency of phosphorus in the ordinary mixed diet of the country. Statements in advertisements or on labels suggesting the contrary or that it is desirable to supplement the dietary phosphorus intake should not be made.

(6) The following table, which includes the figures laid down by the Third Session of the Technical Commission on Nutrition, 1937, of the League of Nations Health Organisation, shows the normal daily requirement of vitamins and minerals scheduled in the Labelling of Food Order:—

Vitamin A	3,000 i.u.
Vitamin B_1	300 i.u.
Vitamin B_2	1·8 mgm.
Nicotinic acid	12·0 mgm.
Vitamin C	30·0 mgm.
Vitamin D	500 i.u.
Calcium	0·75 gm.
Iodine	0·1 mgm.
Iron	10·0 mgm.
Phosphorus	0·75 gm.

The statement refers to the foods commonly consumed by normal healthy adults and may not be applicable to all foods used for special purposes.

COMING EVENTS

Notices for inclusion under this heading should be sent in time to reach the Editor in Bath not later than Wednesday morning of the week of insertion. Secretaries are advised to send copies of printed programmes of local activities so soon as they are completed.

Sunday, August 5

MANCHESTER PHARMACEUTICAL ASSOCIATION. Ramble, Bamford to Grindleford. Meet Central station, 8.40 a.m. Book Grindleford return.

SCIENCE PAPERS AT THE CONFERENCE

(*Continued from* THE CHEMIST AND DRUGGIST, *July* 21, *p.* 75)

The Determination of Lipase in Pancreatin Together with a Report on Commercial Pancreatins

By KENNETH BULLOCK

THE author reports upon two methods for the estimation of lipase. In the proposed triacetin method a one-phase, almost saturated, solution of triacetin is used as a substrate and the acid liberated by the lipase neutralised by dropwise addition of dilute alkali so as to maintain an approximately constant *p*H. The other method is the present official assay process of lipase in pancreatin. The proposed triacetin test based on the method of Knaffl-Lenz is described in detail. The B.P. lipase assay is examined critically and the author finds that the assay is much too long and tedious a process in view of the fact that the result obtained is uncertain and more in the nature of a limit test than of a quantitative assay. Ten samples of pancreatin were purchased from different wholesale firms, and the results of the triacetin test and the figures obtained by employing the B.P. lipase test are given in tabular form. The solubility of pancreatin is discussed. The author points out that (1) pancreatins as manufactured are of high activity; (2) the production of an official pancreatin of uniform activity depends upon the formulation of tests and standards which shall result in dilution of the original pancreatin to yield a standard article; (3) although higher than the present B.P. standard, the proposed triacetin standard is certainly too high; unless it is considered that it good thing to have lactose in the p creatin, the standard could be raised fr 1·0 mil with a 1 per cent. suspension 1 mil with a 0·25 per cent. suspension the pancreatin. The author suggests t before including an assay for lipase in B.P. monograph it would be worth w considering whether such an assay co not be omitted as is the case in the co sponding monograph on pancreatin in U.S.P. It should be remembered that omission of an assay for lipase would mean that, in future, pancreation would contain any lipase. Judging by the figu given in the paper it would contain i dentally as much as is required by present monograph if it complied with present requirement for trypsin. If, h ever, it is decided that lipolytic actio sufficiently important for official limits be fixed then the triacetin method determination would be more accur easier to carry out, and of shorter durat than the present assay.

Ten tables and two diagrams are vided. The work, which comes from Department of Pharmacy of the Univer of Manchester, was done at the reques the British Pharmacopœia Commission

The Limits of Accuracy of the Determination of Alcohol by the Method of t British Pharmacopœia

By NORMAN EVERS and WILFRED SMITH

IT was considered desirable to investigate the problem of the limits of accuracy that could reasonably be expected in the carrying out of the methods of the British Pharmacopœia for the determination of alcohol content. A search of the available literature on the subject failed to discover any work on the B.P. method, but disclosed that E. G. King, *et al.*, state that actual determination of the alcohol content of aqueous alcoholic mixtures by the United States Pharmacopœia distillation method gave results always lower than theoretical. The loss was approximately 0·7 per cent.

In this paper the authors give an account of numerous tests to show the variations in taking the specific gravity of diluted alcohol. With a Regnault bottle the results were somewhat more consistent. The t were performed by two different worke the same laboratory. In taking the spe gravities by Method 1 of the Bri Pharmacopœia, which is a direct distilla and determination of the specific gravit the distillate diluted to quadruple b there was found a significant differenc the water contents of the bottle obtaine the two workers. This was found to be to the different pressure applied w inserting the stopper. The results of two operators were in close agreement, standard deviations representing ± 0 v/v to ± 0·047 v/v alcohol. In Metho of the British Pharmacopœia the stanc deviation was somewhat more than Method 1, as might reasonably be expec

ng to the further steps involved. The ndard deviations of the two operators e ± 0·07 v/v alcohol and ± 0·05 v/v hol. In Method 3 of the British Pharopœia, the standard deviation is someit higher than before and again is most ly due to the extra step involved in the hod. The standard deviations of the operators were ± 0·062 v/v alcohol and ·086 v/v alcohol. Further experiments e made to find the difference that remes of laboratory temperatures may se in alcohol determinations. At very n temperatures water and alcohol porate from the top of the stopper perforation when weighing in a dry atmosphere. On very warm days, with a laboratory temperature of about 90° F., a quadruple bulk distillate containing not more than 10 per cent. v/v of alcohol lost weight at the rate of 1 mgm. every ten seconds while being weighed in a perforated stoppered specific gravity bottle.

It is hoped to make further investigations into the losses recorded in the distillation methods which are not consistent. The analytical determinations were made by Messrs. G. Drewery and T. P. Whitehead, in the analytical laboratories of Allen & Hanburys, Ltd.

e Stability of Adrenaline Solutions: Part II. Solutions of Adrenaline Tartrate

By G. B. West

a communication to the British Pharceutical Conference in 1944, Berry and st showed that the optimum conditions stability and storage of solutions of enaline in hydrochloric acid, when losed in ampoules with a small volume air, were (*a*) *p*H of approximately 4·2, l (*b*) the presence of 0·1 per cent. of assium metabisulphite. In the present per the results obtained of the effects of e, temperature and *p*H on solutions of enaline with tartaric acid appear to icate that, as for the hydrochloride, re are two main routes of destruction ulting in loss of activity. One type is parently due to oxidation and results in e production of colour. The presence of tabisulphite apparently prevents the idation effect, provided the container is ed with the solution and retained in the rk, i.e. placed in a well-filled light-resistt container. The other type of destruction ich occurs is apparently a heat effect and t due to oxidation. *p*H has an effect on e rate of this reaction and the optimum lue for least destruction is about 3·0.

The reaction occurs both in presence and absence of metabisulphite, and there e thus probably at least two routes of struction, because a precipitate occurs the absence of metabisulphite, whilst the lution remains colourless in its presence the container is full. These experiments dicate that, if a solution of adrenaline ith tartaric acid has a *p*H of about 3·5 d contains 0·1 per cent. of sodium metasulphite, then such a solution enclosed a well-filled ampoule has an optimum ability against loss of activity caused y both oxygen and heat. This solution ould be sterilised by heating at 115° C. r thirty minutes (i.e. by autoclaving), for the loss of activity would be negligible. The requirements of such a solution as mentioned above are furnished by the use of solid adrenaline acid tartrate, which has been shown to be more stable on exposure to air and light than the adrenaline base. With metabisulphite, this solution has an initial *p*H of 3·6 to 3·7, but on autoclaving in a well-filled ampoule the value drops to 3·4 and continues to drop to 2·9. This sterile solution can be diluted conveniently with nine times its volume of sterile normal saline solution to give a 1 in 10,000 solution, without fear of any appreciable loss of activity in one or two days. In fact, adrenaline base is soluble in a 0·1 per cent. solution of metabisulphite. This solution has a *p*H of 4·2 and can be autoclaved with little loss of activity.

Prevention of Moulds

Throughout these experiments, no chlorbutol has been included in the solutions. In the absence of metabisulphite, moulds grew in the unheated tartrate solutions at a fast rate despite the acid medium. They appeared more quickly (sometimes under two months) than in corresponding hydrochloride solutions (often not seen till two years). With metabisulphite, no growth was noticed up to 200 days' storage in these unheated solutions, even if the bottle, flask or ampoule was only half-full and slightly coloured. The author suggests formulas for a solution of adrenaline, using the present pharmacopœial solution without sodium chloride and chlorbutol but containing metabisulphite, and for an injection using solid adrenaline acid tartrate and metabisulphite.

[From the College of the Pharmaceutical Society.]

Cardamom: Further Numerical Studies of Its Sclerenchymatous Layer

By J. W. Fairbairn

In a previous communication the author described how the number of cells per sq. mm. of the sclerenchymatous layer of the testa of seeds of various kinds of cardamom could be determined. The figures obtained were intended to assist in the identification of the seeds, whether whole or in powder. Further samples of these and of two other kinds of cardamom have now been examined and the experience gained has resulted in several modifications of the original method of preparing the testa and also of making the counts, when determining the number of cells per sq. mm. The radial lengths of the cells of the sclerenchymatous layer have also been measured, and the values obtained have been shown to assist in the identification of the seeds. The author found that the bleaching process already described did not satisfactorily clear several of the samples; hence attempts were made to improve the process. Good results were obtained when 100 vol. hydrogen peroxide (perhydrol) was used; the process is described. Attempts were made to find a more rapid method of counting the number of cells per sq. mm. The results show that the samples examined can be divided into four groups based upon the number of cells per sq. mm: (*a*) Mysore, Aleppi, Long Wild Native and Cluster; (*b*) Malabar and Mangalore; (*c*) Korarim and (*d*) Bengal, varieties. The radi lengths of the cells of the sclerenchymato layer have been measured and in gener the difference in average length close follow the above grouping. Long wi native and cluster varieties, however, ca be readily distinguished from each oth and from Mysore and Aleppi by this mear Thus the second set of measuremen frequently confirms the first set and in son instances serves to distinguish varieti which could not be distinguished by coun ing the number of cells per sq. mm. alon Examination of the results for the varieti and types of *Elettaria Cardamomum* Mat shows that the numerical values obtain support the views of botanists who ha studied the plants yielding the cardamon of commerce, that var. *minuscula* is di tinct from var. *major*; var. *minuscula* co sists of two or more distinct races, namel the Mysore type, the Malabar type, ar certain intermediate types, one of which probably the Aleppi variety; var. *min scula* with its several races has probab been derived from the wild var. *maj* Mangalore cardamoms are classed wit Malabar type.

[From the College of the Pharmaceutic Society.]

An Improved Solution of Adrenaline Prepared from Adrenaline Tartrate

By G. E. Foster, A. C. McDougall and R. H. Thorpe

The B.P., 1932, includes a monograph describing liq. adren. hcl., which in our experience has proved a most unsatisfactory product. Adrenaline base often possesses a pale buff colour, and the liquor, even when freshly made with it, is usually discoloured. In any case it darkens progressively on keeping.

After the publication of the B.P., 1932, the authors realised that a more satisfactory formula was required for commercial solutions of adrenaline, and experiments were carried out with adrenaline tartrate, a beautifully crystalline salt, obtained during the manufacture of synthetic *l*-adrenaline.

As a result of extensive trials the following formula was adopted:—

Adrenaline tartrate ..	1·819 gm.
Sodium chloride ..	7·5 gm.
Chlorbutol	4·0 gm.
Potassium metabisulphite	1·5 gm.
Distilled water to ..	1,000 millilitres

Sterilise by heating in closed containe at 80° C. for one hour; store in a cool pla and protect from light.

Reference samples, which have bee stored at room temperature, were recent examined in order to obtain fuller inform tion regarding the stability of the produc Casual inspection revealed that only one the samples had become obviously di coloured, and that the oldest sample, pr pared in 1937, remained almost colourles The samples were assayed both biological and colorimetrically, and the results mal it clear that the solutions of adrenalir tartrate prepared as above described, ar stored under normal conditions in th country, possess satisfactory stability. It unlikely that there would be a drop in potenc of more than 20 per cent. of the total durin a period of five to six years' storage.

This paper is from the Wellcome Chemic Works and the Wellcome Physiologic Research Laboratories.

ROPRIETARY ARTICLES TRADE ASSOCIATION

quarterly meeting of the council of Proprietary Articles Trade Association held in London on July 12, the president . Robert Peck) in the chair. THE SECRETARY reported that resolutions and recomndations relating to modifications in .T.A. policy and procedure adopted by council at its meeting in April had been ely published, and had been brought the individual notice of all members of manufacturers' section. The National rmaceutical Union Executive had been rised of the position.

The council received a report from a committee appointed in April to examin detail, and in particular from the e-maintenance point of view, the wholedistribution of proprietary articles luded in the P.A.T.A. list. It was agreed t the report, with its recommendations, uld receive further consideration at the t meeting of the council, and that the nufacturers' section of the council uld have the opportunity of discussing t a special meeting of the section.

rplus Stocks of Dentifrices

At its April meeting the council had pressed satisfaction with the report subted regarding arrangements for dealing general with surplus stocks of medicinal l toilet preparations in the post-war riod, but had asked for further informan regarding the disposal of tooth-pastes ich might have deteriorated and become fit for sale. THE SECRETARY reported at he had been in touch with the secretary the dental manufacturers' section of the ndon Chamber of Commerce, who had ted that the dental manufacturers were xious to get back and destroy any surplus cks which, in their view, were unfit for le or otherwise likely to harm their goodll. The Board of Trade had contended at any product fit for use ought not to be sted, even at the manufacturers' expense, suming that supplies of new goods were adequate to meet demand. It was felt the section that, in practice, no difficulty uld arise, as it seemed reasonable to ppose that supplies would not be so stricted as to make it imperative to put t damaged goods in order to satisfy mand. Steps had been taken to see that ocks made from war-time formulas were rned over as quickly as possible and not ft in stock. The council expressed appreation of the attitude taken by the dental anufacturers' section in this matter.

The council received and unanimously endorsed the recommendations of the executive committee and of a subcommittee appointed to deal with the matter of price-maintenance, in the post-war period, of toilet and perfumery preparations not at present protected by the P.A.T.A. The decision had been to inform the perfumery and toilet preparations manufacturers' section of the London Chamber of Commerce that the council deemed it impracticable to come to any arrangement for promoting price protection through the P.A.T.A. of products of the general body of members of the section, irrespective of their individual trading policies. The council desired, in the interests of the trade, that efficient price protection of this type of goods should be ensured, and was willing and anxious for the P.A.T.A. to undertake such price-maintenance in respect of the goods of all manufacturers who were eligible for membership of the Association. Manufacturer members of the section, eligible for membership of, but not at present members of, the P.A.T.A., were therefore heartily invited to join the Association on the usual conditions affecting membership, distribution and trading terms. Mr. Middlemiss (secretary of the section) had intimated that the letter from the P.A.T.A. dealing with this matter would probably be considered and replied to by the newly-formed Toilet Preparations and Perfumery Manufacturers' Federation.

Price-maintenance Work

A report on price-maintenance work showed that, during the previous quarter, approximately 350 calls and inspections had been made by the Association's representatives at retail shops, including co-operative society branches. In nine instances only was evidence of ordinary price-cutting obtained, but in a number of instances dividend-bearing checks had been given when test purchases were made at co-operative society branches; suitable action had been taken. During the period 183 test purchases had been made, and the inspections and test purchases indicated that stocks of P.A.T.A. goods held by traders on the stop list were very limited. Few remaining stop-listed traders were selling at cut prices such P.A.T.A. goods as they had to offer. In recent months the Association's representative had made calls on about 120 wholesalers in the metropolitan area. The report was approved.

PEST CONTROL IN AMERICA

THE discovery of new and powerful insecticides and new types of parasitic insect control have enabled American farmers to reduce losses in fruit, vegetable and poultry crops to a remarkable degree. The discovery that a poison bait, containing sodium fluosilicate, kills both the Puerto Rican and southern mole cricket has placed in the hands of vegetable and berry growers an effective method of controlling, at reasonable cost, pests estimated to cause an annual damage of over 1,250,000 dollars in the Southern states.

Aerosol " Bombs "

In 1941, the insecticidal aerosol in bomb form was invented. Since this discovery, more than 16,000,000 "aerosol bombs" have been distributed to protect the armed forces against malaria-carrying mosquitoes. The bomb is a small metal container which applies insecticides in a new way by suspending them in the air in a thin mist, which remains active for a longer period than sprays. When the aerosol bombs are used a small valve is opened to cause a sudden change in the pressure of the chemical within, thus agitating the fluid to a rapid boil and allowing it to escape through a small hole. Contact with the air causes the fluid to change to vapour, which remains suspended long enough effectively to clear tents, barracks, foxholes and military transport planes of mosquitoes and other disease-carrying insects. The use of this insecticide is at present restricted to the armed forces, but is expected to be of great value in peace-time, when malaria control in civilian areas will undoubtedly be intensified.

Pyrethrum for Celery Pest

The discovery that pyrethrum was a specific for control of the small moth larva known as celery leaf tier has greatly reduced celery crops hazards in Florida and California, where destruction was so serious as to cause curtailment of valuable celery acreage. Field tests show that pyrethrum does not leave a dangerous residue on marketed products, even though two applications of this powder are usually necessary to combat the stubborn pest. The early stages of the development of the larva occur on the leaves of the celery plant, which the moths have tied together by spinning silk-like strands. As the larva matures it works its way to the innermost stalks, where it completes its development. Before the new chemical treatment v introduced it had not been possible to l the larva, which often continued to feed the plant while in transit to market.

The use of sodium fluoride as a treatm for poultry lice enables poultrymen eradicate all lice from their flocks by simple dipping process. General use sodium fluoride has resulted in control poultry lice in many localities, and regarded as the best chemical thus far c covered. Other methods, such as vap ising oils, are frequently used, but they not have the ability to cling to poul feathers long enough to destroy the n Insect powders are also applied to ba chicks. Larger fowls are dipped in a soluti of one ounce of sodium fluoride to a gall of tepid water.

ZANZIBAR CLOVES EXPORT

THE report of the Zanzibar Clove Growe Association for the quarter ended Decem 31, 1944, records that supplies and expo for the quarter were:—

	Supplies		Exports
Zanzibar	3,903,236 lb.	To all destinations:	
Pemba	6,065,268 lb.		8,084,386

Of the total supplies 4,069,647 lb. pass through the Zanzibar market and 5,870 passed through the Association's dep 5,892,987 lb. was purchased by the Assoc tion during the quarter. Export destin tions and quantities were:—

Destinations	Bales	lb.
India	32,656	4,571,8
America North and South	22,338	3,127,4
United Kingdom and Continent	1,133	158,6
North and West Africa ..	800	112,0
Portuguese East Africa ..	272	38,0
Australia	205	28,7
Middle East	192	26,8
South Africa	74	10,3
East Africa	44	6,0
Portugal	32	4,4

In terms of standard bales (140 lb. ne supplies were 71,204, exports 35,746. the total exports the Association suppli 4,042,193 lb.

Stems.—Stem and bud material di tilled during the quarter, 424,689 lb. the former and 1,303,805 lb. of the latte Oil exports for the quarter were 117,068 l and for the year 494,430 lb.

ESSENTIAL OILS CONTROL

following circular has been issued by inney, Smith & Whinney, 4B Freder- s Place, Old Jewry, London, E.C.2:—

he delayed allocation stock undertaking designed to meet cases where, for a iety of reasons, allocations before arrival ld not be made. The levy was fixed at evel which the Advisory Committee eved would meet the cost of administra- expenses and the holding of these cks. With the approach of condi- ns when decontrol may be envisaged, in market prices may result, and some time past the Committee has n concerned with the implication which carries, in so far that the potential ility which may thus arise, being reseeable, may exceed the funds at the osal of Control. With this in mind, the mittee has for some time been dis- ing with the Ministry ways of meeting difficulty.

Undertakings Given by Ministry

he Ministry of Food has not been able give an undertaking to continue control any oil until all financial liability has n liquidated, nor to agree to acquire any dual stocks if and when the funds at disposal of Allocations Control have me exhausted. The Ministry has, ever, stated that its policy is not to ntrol suddenly, but to collaborate y with the Advisory Committee, in order bring about orderly decontrol of indi- ual oils, having regard to supply and nand and the need for avoiding the dis- tion which would arise from a too rapid ndonment of the scheme.

he Advisory Committee is therefore d with the situation that circumstances y conceivably arise in which the funds at disposal are insufficient to meet the ilities arising out of the delayed alloca- is stock undertaking. Whilst it will be intention of the Advisory Committee pay to holders of delayed allocations cks, out of the funds at the disposal of cations Control, any differences between purchase price of imported oils and the tribution price at the time the goods are en up by the user, it will be realised that Advisory Committee can do so only to extent to which the funds available to cations Control permit after the admin- ation expenses and holding charges have n met. The delayed allocation stock- ders' undertaking permits holders to uest relief of their holdings on giving one month's notice, subject to their having held the stock for a minimum of three months. Under all normal conditions these four months should be sufficient to allocate, but Allocations Control will not consider itself bound to relieve the holders of their stocks, although it will make every endeavour to do so.

With the object of securing the maximum protection possible in these circumstances, the Advisory Committee, under the power conferred by Clauses 21 and 22 of the scheme, has decided that the scheme shall remain in operation until otherwise agreed upon by the Allocations Control in consultation with the Ministry of Food, with power to Allocations Control (in consultation with the Ministry) to declare from time to time that, as from a specified date, one or more varieties of essential oils shall be removed from the scheme.

Funds to be Augmented

It has also been decided, in consultation with the Ministry of Food, that the funds at the disposal of Allocations Control shall be augmented, either by means of an increased levy or by distributing the oil on the basis of replacement prices, where those prices are higher than the purchase price, in order to meet any potential liability due to falls in world market prices. The decision as to the course to be adopted will be taken by the Advisory Committee. In future the Ministry will endeavour to issue allocation instructions on all oils as soon as an advice of shipment has been given to the secretaries, subject, however, to there being a sufficient quantity of any particular oil to make allocation practicable. The effect of these decisions is that in future importations and distribution will be carried out without the complete protection which has hitherto been provided.

Care of Syringes.—Medical Research Council War Memorandum No. 15, published by H.M. Stationery Office, price fourpence, is a pamphlet on "The Sterilisation, Use and Care of Syringes," compiled by a committee appointed by the Council. The pamphlet deals with the sources and avoidance of infection following injections; choice of syringes and needles; instructions for sterilising all-glass syringes; disinfection by various methods; mass inoculations; and the care of needles. Appendices describe disinfection by means of alcohol and methods for testing syringes for leakage.

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, July 25

THE markets have experienced another week of subdued activity with business chiefly confined to filling moderate spot orders at prices little changed from those quoted during recent weeks. In the PHARMACEUTICAL CHEMICALS section a routine business is recorded with no outstanding feature.

Crude Drugs

Dealers in these commodities report a quiet week, with the price position steady. Cape ALOES is still unobtainable, but, as noted last week, some business is reported done in Curaçao for shipment. ANTIMONY is steady at unchanged rates. CANADA BALSAM is scarce, with the price nominal. CARDAMOMS are quiet, with little business being done. CLOVES is quiet after the recent demand, which created a feature in the spice market. ERGOT remains scarce, but the price of available material is unchanged. Egyptian HENBANE is dearer. NUTMEGS are in short supply, with prices nominal. SEEDS are exceedingly quiet, with little interest being shown.

Essential Oils

Business in essential oils during the week has been extremely quiet, and no price changes are recorded. The Advisory Committee of the Essential Oils Control has considered the position that might arise under the delayed allocation stock undertaking when decontrol takes place, and an amendment to the scheme has been agreed upon (see p. 101).

Pharmaceutical Chemicals

AMPHETAMINE.—Makers' price is firm at 150s per lb.

BORAX.—Current rates per ton are as follows: B.P. quality, granulated, £38; crystal, £39; powder, £39 10s. Commercial grades, £8 per ton less. Packed in one-cwt. bags, delivered carriage paid in Great Britain in one-ton lots and upwards.

ASPIRIN TABLETS.—Scales per 1,000 for bulk supplies are as follows: Under 5,000, 3s. 6d.; 5,000 and over, 3s. 4d.; 10,000, 3s. 3d.; 25,000, 3s. 1d.; 50,000, 3s.: 100,000, 2s. 11d.; 250,000, 2s. 10½d.; 500,000, 2s. 10d.; 1,000,000, 2s. 9d.

BARIUM SULPHATE (*x*-RAY).—Quoted at the following rates per lb., for quantities of 28 lb.–1 cwt. (containers in brackets): 1s. 5½d. (1-lb.), 1s. 4d. (4-lb.); 1s. 3d. (7-lb.); 1s. 2½d. (14-lb.); 1s. 2d. (28-lb.).

BRUCINE.—Current rates per oz. are as follows: ALKALOID.—Under 25 oz., 1s. 4½d.; 25 oz. and under 100 oz., 1s. 4d.; 100 oz. and under 500 oz., 1s. 3½d. NITRATE and SULPHATE—Under 25 oz., 1s. 3½d.; 25 oz. and under 100 oz., 1s. 3d.; 100 oz. and under 500 oz., 1s. 2½d.

CAFFEINE.—Advanced prices for the alkaloid and salts were given last week (p. 76).

CALAMINE, B.P.C.—Quoted at 1s. 8d. per lb. for 7-lb. lots and 1s. 6d. for 28-lb. lots.

CODEINE.—Current prices per oz., for small lots, are as follows: BASE.—½ oz., 55s. 3d.; 1 oz., 52s. 9d.; 2 oz., 51s. 3d.; 3 oz., 50s. 6d.; 4 oz., 50s. 3d. HYDROCHLORIDE.—½ oz., 50s.; 1 oz., 47s. 6d.; 2 oz., 46s.; 3 oz., 45s. 3d.; 4 oz., 45s. PHOSPHATE.—½ oz., 43s. 9d.; 1 oz., 41s. 3d.; 2 oz., 39s. 9d.; 3 oz., 39s.; 4 oz., 38s. 9d.

LACTATES.—Prices are as follows: LACTIC ACID.—Six-winchester lots, 3s. per lb.; smaller quantities, 3s. 1d. CALCIUM LACTATE.—Small quantities, 2s. 5d. per lb. CALCIUM SODIUM LACTATE.—Powder, small lots, 3s. 7d. per lb. 14-lb., 3s. 4d.; 28-lb., 3s. 2d.; granular, one penny per lb. extra.

MAGNESIUM CARBONATE, LIGHT.—Makers' home market prices per lb., in quantities of 28 lb.–1 cwt., are as follows (containers in brackets): 1s. 3½d. (1-lb.); 1s. 2d. (4-lb.); 1s. 1d. (7-lb.); 1s. 0½d. (14-lb.); 1s. (28-lb.). Prices net one month.

MANDELATES.—Makers' quotations are unchanged. SODIUM and CALCIUM.—4 oz., 8 oz. and 1 lb., 22s. per lb.; 4 lb., 20s. 3d.; 7 lb., 18s. 6d.; 14 lb. (in 7-lb. packages), 16s. 9d.; 28 lb. (in 7-lb. packages), 15s. per lb. net. AMMONIUM (50 per cent. solution).—4 oz., 8 oz. and 1 lb., 11s. 9d. per lb.; 4 lb., 10s. 9½d.; 7 lb., 9s. 10d.; 14 lb. (in 7-lb. packages), 8s. 11½d.; 28 lb. (in 7-lb. packages), 7s. 11d. per lb. net. Packages extra and returnable.

MERCURY IODIDES.—The following are the makers' prices per lb.: RED, less than 7 lb., 20s. 8d.; not less than 7 lb., 20s. 2d.; not less than 14 lb., 19s. 8d. GREEN, less than 7 lb., 28s. 8d.; not less than 7 lb., 26s. 2d.; not less than 14 lb., 25s. 8d. YELLOW, less than 7 lb., 28s. 1d.; not less than 7 lb., 27s. 7d.; not less than 14 lb., 27s. 1d. net, carriage paid.

METHYL SALICYLATE.—Continues in good demand at unchanged prices. Smalls, 2s. 6d. per lb.; winchesters, 2s. 1½d.; 56 lb., in demijohns, 2s.; 1 cwt., in demijohns or carboys, 1s. 11½d.; 5 cwt., 1s. 11d. All prices net.

PHENOLPHTHALEIN.—Current rates are as follows: Less than 7 lb., 4s. 8d. per lb.; 7 lb., 4s. 7d.; 14 lb., 4s. 6d.; 28 lb., 4s. 5d.; 1 cwt., 4s. 4d.

Crude Drugs

ANTIMONY.—In steady demand at unchanged ices. English minimum 99 per cent. regulus, 12 10s. per ton, delivered; crude, 70 per nt., £90.

ARECA NUTS.—Wormy Ceylon may be obined on spot at 85s. per cwt.

BALSAMS.—*Peru* remains at 8s. per lb.; *nada*, if obtainable, 12s. per lb.

BELLADONNA.—English herb is quoted at 6d. per lb. Indian root, testing 0·25 per nt., would be worth 2s. 3d. per lb.

BISMUTH.—No change in the price of metal 6s. 3d. per lb., for 5-cwt. lots.

BUCHU LEAVES.—Spot, 5s. 3d. per lb.

CARDAMOMS.—Quiet. Current prices are: ppy greens, spot, 5s. 6d. per lb.; Aleppy d, 6s. 3d.

CHAULMOOGRA.—*Hydnocarpus*, spot, 2s. per , in tins in cases.

CHILLIES.—Mombasa, quoted on spot at os. per cwt., and West African at 105s.

CINNAMON CHIPS.—Quoted on the spot at 3d. per lb.

CLOVES.—Continue quiet. Zanzibar, spot, ndon, 1s. 9d. per lb., sellers.

COCHINEAL.—Silvers may be obtained on t at 6s. per lb.

COCOA BUTTER.—Price is fixed at 1s. 5½d. lb., ex factory or warehouse, except for es made under Ministry of Food licence.

COLOCYNTH.—Spot price of good white is ady at 2s. 9d. per lb.

DIGITALIS LEAVES.—Portuguese, spot, 140s. cwt.; English, 2s. 6d. per lb.

ERGOT.—In poor supply. Good-quality, if ilable, would be at 6s. 6d. per lb.

GINGER.—African, spot, 85s. per cwt.

GUM ACACIA.—Kordofan cleaned sorts, spot, s.; bleached, 175s.; Talha, cleaned, 47s. 6d.

HENBANE.—Current prices are as follows: lian, 250s. per cwt.; Russian, 325s.; Egyptian *uticus*), 85s.

JALAP.—The following grades are available: per cent., 4s. 6d. per lb.; 10·1 per cent., 3s.

KAMALA.—Material testing 6 per cent. ash priced at 2s. 6d. to 2s. 9d. per lb., on spot.

LIQUORICE ROOT.—Turkish, afloat, 85s. per t., landed, for pharmaceutical purposes only.

MENTHOL.—Brazilian, spot, 82s. 6d. per lb.

MERCURY.—Official quotations range from 8 10s. to £69 15s. per flask, according to nditions and quality, with higher prices for aller lots and redistilled grades.

MYRRH.—Fair Aden sorts may be obtained spot at £16 per cwt.

NUTMEGS.—Very scarce. West Indian, sound assorted, spot, 2s. 10½d. per lb.; wormy and oken, 2s. 9d.; prices are nominal.

NUX VOMICA.—Cochin, spot, 37s. 6d. to 40s. cwt.; shipment, 31s. to 32s. c.i.f.

PEPPER.—Whole, not picked over or cleaned, on sale to processors, is officially priced at 1s. 4d. per lb. for white and 1s. per lb. for black.

PIMENTO.—Spot is quoted at 1s. 3½d. per lb.; sellers.

QUILLAIA BARK.—Spot, natural, 80s. per cwt.; cut, 105s.; crushed, 95s.

SEEDS.—There is nothing to report in this section; previous prices are repeated. CORIANDER.—Indian, none available, price nominal at 92s. 6d. per cwt.; Russian, fair amount here, but demand small, price 92s. 6d.; English, limited stocks, price 87s. 6d. to 95s. per cwt. CUMIN.—Maltese, 120s., sellers; Indian, same. DILL.—London, 85s.; Liverpool, 80s. FENNEL. —Supplies exhausted, nominal. FENUGREEK. —London, 75s.; Liverpool, 70s.

SENNA.—Alexandrian hand-picked pods are scarce; price nominal at 4s. per lb. Good manufacturing Alexandrian pods, 2s. per lb. Tinnevelly pods and leaves are unchanged.

STRAMONIUM LEAVES.—Dealers' price is steady at 80s. per cwt., spot.

STROPHANTHUS.—Kombé seed, 100 per cent., is quoted on spot at 7s. 6d. per lb.

TRAGACANTH.—Medium grades are quoted as follows: No. 1, white, £130 per cwt.; No. 2, white, £115; No. 3, white, £100; No. 4, white, £85; pale leaf, £60; amber leaf, £50; dark amber, £40; brown leaf, £30; red-and-brown leaf, £25; red leaf, from £20; hoggy, £12 to £15.

TURMERIC.—Sound-quality, Madras finger, spot, 75s. per cwt., Liverpool.

WAXES.—BEES'.—Prices of crude for the home trade were given in the *C. & D.*, June 2, p. 570. CARNAUBA.—Fatty grey, spot, 490s.; chalky grey, spot, 480s.; prime yellow, spot, 590s. OURICURI.—Spot, 310s. to 320s., according to impurities; shipment, 285s., c.i.f.

Essential and Expressed Oils

CASTOR.—Official prices for bulk supplies are as follows: "Firsts," £82 per ton; "seconds," £80, both prices naked ex works.

CLOVE.—English distillers continue to quote at 12s. 6d. to 13s. per lb., according to quantity.

CORIANDER.—About 18os. per lb. would be the price of small quantities of English distilled.

COTTONSEED.—Controlled prices for bulk supplies are as follows: Crude, £52 2s. 6d.; washed, £55 5s.; refined edible, £57; refined deodorised, £58 per ton; all varieties are quoted naked ex works.

NUTMEG.—English oil, in small compass, approximately 45s. per lb.

OLIVE (EDIBLE).—The price charged to the wholesaler by the importers is 25s. 9d. per gallon, ex store. Prices charged by wholesalers to retailers are agreed by the Ministry of Food as follows: 33s. 6d. per gallon, in 1-gallon loan cans; 34s. 3d. per gallon, in ½-gallon loan cans; 35s. per gallon, in 1-quart loan cans; 36s. per gallon, in 1-pint loan cans.

RAPESEED.—Official price for bulk supplies remains at £88 per ton.

CORRESPONDENCE

Swords Into Ploughshares

SIR,—No arrangement seems to have been made for the collection of civilian gas masks. May I suggest that, if this were done, and the masks released to manufacturers—not stacked up in stores to perish eventually—something might be done to relieve the teat shortage, not to mention other articles for surgical use. Subject to correction, I estimate one gas mask should produce at least six dozen teats, weight for weight.

Yours faithfully,
Whitchurch, Bristol. R. J. ANDREW.

Embossed Ointment Jars

SIR,—I was interested to read of the pharmacy of Mr. T. R. Perkins at Henley-in-Arden, and particularly about jars bearing the Royal Arms. I am surprised that your correspondent Mr. J. Gordon Young did not know that any of these jars were in England. I have four such jars, one of 4-lb. size, two of 2-lb. size, and one of 1-lb. size. The labels have long since passed away, as the jars have been scrubbed clean. They now bear our own modern labels. Only one jar now has the original metal lid. It would be interesting to know how many more of these jars there are in existence.

Yours faithfully,
Ripley. F. H. H. PEATE.

Appreciations

Very many thanks for your kind reply so quickly. When in trouble I always find the *C. & D.* helps me out.—*T. P. B.*

Please accept my thanks for all your trouble in reply to my query, which I consider very good service.—*W. M. B.*, Bournemouth.

We thank you for your letter regarding our query. We are extremely obliged to you for the trouble you have taken over this matter.—*F.*

I send my very grateful thanks for your letter and for the enclosure, which, for the field that it covers, gives me exactly what I was seeking.—*C. G. W.*

Your information and help is always much appreciated, and I cannot speak too highly of the value of THE CHEMIST AND DRUGGIST both to our manufacturing and retail sections.—*G. W. C.*

I am now able to thank you for your reply giving titles of books. . . . It is certainly good of you to take such troub on my behalf. . . . Hoping that you w soon be enjoying the fruits of peace.— *F. C.*

I want to acknowledge with than receipt of your letter . . . giving me the tra slation and equivalents of drugs, etc., on Polish prescription. The information a details you give are of extreme help a I would like to express my best thanks f your assistance and to compliment you this service.—*D.J.O.*

TRADE MARKS

(*From "The Trade Marks Journal," June 2*

"LAMAUR"; for all goods (5). by Lenna Lee-Narvill & Co., Ltd., 216 Anlaby Ro Hull. 633,931 (Associated).

"LOTOSOL"; for medicines for internal hum use (5). By Cuxson, Gerrard & Co., Lt 26 Fountain Lane, Oldbury, Worcestershi 634,003.

"BRYZE"; for pharmaceutical preparations a substances (5). By C. F. H. Cooper, Trev yan Hotel, Godwin Street, Bradfo 634,064.

"BANTOL"; for pharmaceutical preparatio and substances (5). By Ashe Laboratori Ltd., 120–22 Victoria Street, Westminst S.W.1. 634,141.

"SPARAK"; for pharmaceutical preparatio (human and veterinary); sanitary su stances (5). By G. H. Cowley, Peacehav Baldrine, Isle of Man. 634,215.

"ESTELLE"; for bandages, surgical dressin sanitary towels and tampons (5). By Franc & Lauder, Ltd., 4 Chepstow Stre Manchester. 634,382.

"SYFT"; for photographic apparatus (9). S.Y.F.T., Ltd., 41–43 and 56 George Stre London, W.1. 634,691.

"DROPSUP"; for corsets and belts for surgi or curative purposes (10). By J. Moss, Shaw Heath, Stockport. 629,263.

"LUSTRON"; for hair curlers (not of met (26). By Sales Affiliates, Ltd., Elstree W Boreham Wood, Herts. B628,915 (Asso ated).

"BLONDE JANE"; for non-alcoholic bevera not included in other classes (32). Dallington Wine Products, 318 Uxbri Road, Acton Hill, London, W.3. 633, (Associated).

APPLICATIONS AMENDED AFTER ADVERTISEMENT

Specification No. 632,287, by Bayer Produ Ltd., should be altered so as to read, "Ph maceutical preparations of Vitamin B_1 for export."

Specification No. 633,117, by the Wellc Foundation, Ltd., should be altered so to read, "Dentifrices, and mouth-was (being toilet articles, non-medicated)."

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BAYER

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'ADALIN'

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Of great help when barbiturates are contra-indicated. This sedative and mild hypnotic is especially valuable in neurasthenic cases and nervous insomnia.

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The original and highly effective form of acetyl salicylic acid. It possesses a constant and dependable action and is useful for the treatment of painful conditions.

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Necessary adjunct to high carbohydrate intake. Also indicated in fever due to any cause: in neuritis and neuralgia: and in a large variety of common clinical conditions.

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and

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An agreeably flavoured fluid preparation of Vitamin B_1.

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Powerful bactericide retaining full antiseptic properties when dissolved in the saliva. Prophylactic against colds, influenza and similar conditions.

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A well tolerated and effective benzyl benzoate preparation for scabies. In cases of moderate severity one course of treatment may be successful within 24 hours.

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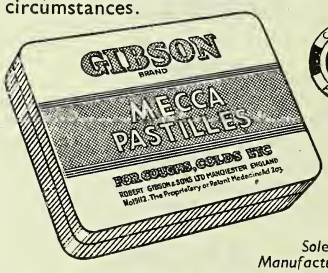

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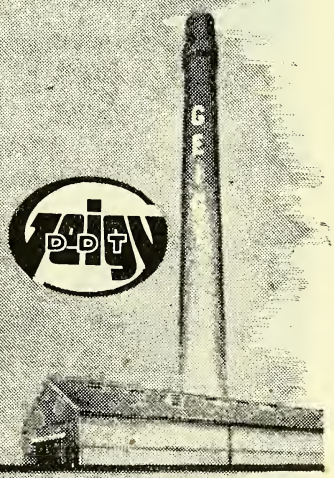

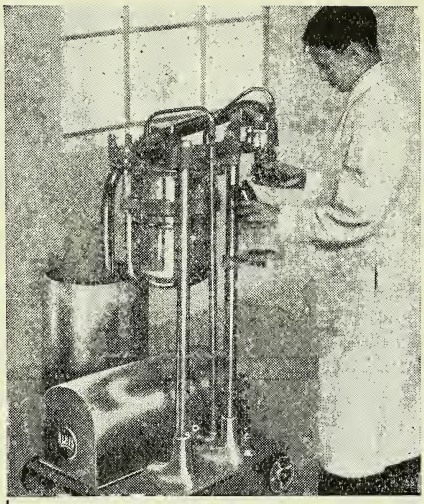

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Where there's

"FOOD for THOUGHT"

there are 'X' EXTRA Sales of 'BiSoDoL'!

'X' is the uncertain factor—for the extent of your EXTRA sales of 'BiSoDoL' depends on the degree of your co-operation when the film, "Food for Thought," comes to YOUR LOCAL cinema.

Between January and October 1945, "Food for Thought" will be seen by 4½ MILLION potential customers for 'BiSoDoL'—the effective and reliable antacid-digestant which is widely prescribed by the medical profession. Wherever this film has been shown, an increased demand for 'BiSoDoL' has resulted. "Food for Thought" will help your sales, too—especially if you will make 'tie-up' window and/or counter displays of the Powder and Tablets (Mints) during and following the local film showings. May we, therefore, ask for such displays in our mutual interest?

SOME OF THE 860 CINEMAS SHOWING 'FOOD FOR THOUGHT'

W/c August 6th:

ASHFORD, Kent - Cinema de Luxe
BEXLEY HEATH - - - Palace Cin.
CANVEY ISLAND - - - Rio Cin.
CHISLEHURST - - - - Cinema
COLWYN BAY - - Supreme P. Th.
LANGWITH, Mansfield, - Regal Cin.
LIVERPOOL—Anfield, Cabbage Hall P.H.
" Old Swan, Swan P'drome
LONDON, Islington - Victoria Cin.
MANCHESTER—Gorton, Plaza & Olymp.
" Rusholme, Rivoli Cin.
MALTON - - - - - Palace Cin.
MANSFIELD-WOODHOUSE Tivoli P.H.
NEW MILLS - - Art Th. & The Cin.
NEWTON, Alfreton - - Metro Cin.
PITSEA - - - - Broadway Kin.
RIPLEY, Derbys - Hippodrome Cin.
SPONDON, Derby - - Sitwell Th.
TROWBRIDGE - - New Kinema
WIRKSWORTH - - - - Cinema

W/c August 13th:

ADLINGTON, Chorley - The Cin.
ANSTEY - - - - Coronet Cin.
ARMTHORPE, Doncaster - Scala Cin.
BEAU MARIS, Anglesey - Regal Cin.
BEWDLEY - - - Garden Cin.
BIRMINGHAM, Handsworth, Rookery
BURNLEY - - - Majestic Cin.
CHELTENHAM - - - Ritz Cin.
CLAYTON-LE-MOORS - Rex Cin.
DERBY - - - - Alexandra Th.
DONGELLY - - - - Plaza Cin.
ECCLES, Nr. M'chester Regent P.H.
FRODSHAM - - - - Grand Cin.
HAYLING ISLAND - - Regal Cin.
HIRWAIN - - - Victoria Hall
HOLYWELL - Prince of Wales Th.
HORNCASTLE - - Victory Cin.
IBSTOCK, Leicester - The Palace Cin.
LUTTERWORTH - - - Ritz Cin.
LONG SUTTON, Spalding Gem Cin.
MANCHESTER — Beswick, Mosley Cin.
" Levenshulme, Grand
MOUNTSORREL, Nr. Sileby, Rock Cin.
NEWTOWN - - - Regent P.H.
NESTON - - - - - New Cin.
PATRICROFT, Nr. M'chester Majestic
PENDLETON, Salford Cromwell P.H.
RHOS, Wrexham - Pavilion Cin.

A limited number of 'BiSoDoL' show-cards is available if you have insufficient on hand.

"Tie up" DISPLAYS will INCREASE your sales

If you need display material, please send us a postcard — or ask our Representatives.

RHOS-ON-SEA - Picture Playhouse
ST. HELENS Scala Cin. & Oxford P.H.
SHEPSHED, Loughboro - Palace P.H.
STOCKPORT, Heaton Norris, Empress

W/c August 20th:

BARNSLEY - - - - Savoy C
BENTLEY, Doncaster - Coliseum C
BEACONSFIELD - - - Picture
BRAMLEY, Leeds - - - Lido C
BUCKLEY, Chester - - Tivoli C
BURTON LATIMER, N'hants Electric P
CHORLEY - - - Empire C
DAVENTRY - - Rex & Regal Ci
DONCASTER - - - - Ritz C
EASTWOOD, Notts - Empire C
FINEDON - - - - - Regent
FORMBY - - - - Queens C
GRIMETHORPE, Barnsley Empire P
HEMSWORTH, Pontefract, Hip'dro
HYDE - - - - - Queens C
IRTHLINGBOROUGH - Cine
LANGOLD, Worksop - Palace C
LIVERPOOL— - - - Tivoli C
" Edge Hill - - Capi
" Sheil Park, Cosy Picture
MANCHESTER—H. Openshaw, Alham
" Stretford, Corona C
MANSFIELD - - - - Ritz C
NEWCASTLE-U-LYME Pavilion C
OLDHAM - - - Imperial C
OSSETT - - - - Palladium C
RANDALSTOWN - - Cine
ROYTON, Oldham - Royal Pav. C
SELBY - - - - - Ritz C
SHAW, Oldham - - Pavilion C
SOUTH WIGSTON - - Ritz C
SOUTH ELMSALL - - Picture
TUNSTALL - - - Ritz Cine
WARRINGTON Pavilion & Grand C
WELSHPOOL - - - - Pola C

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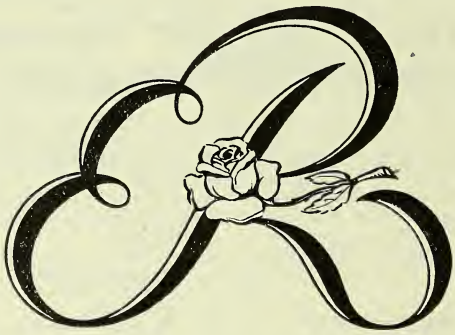

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[41/25]

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

JULY 28 1945

28 ESSEX STREET, LONDON, W.C.2

vailing restrictions and heavy demand on space necessitate the holding over of a number of ertisements week by week. As normal press days are in abeyance advertisers are advised to send ructions as early as possible. Advertisements must be prepaid. Box Office Numbers 1/- extra

SITUATIONS OPEN

for 40 words or less, 2d. for every additional word.

e of the vacancies in these columns relates to a etween the ages of 18 and 50 inclusive or a n between the ages of 18 and 40 inclusive unless he is excepted from the provisions of the Control agement Order, 1945, or the vacancy is for em- ent excepted from the provisions of that Order.

RETAIL (HOME)

E. HOBBS, LTD., have a vacancy for an experienced qualified Pharmacist (experi- unqualified considered) for dispensing. Large lass clientele. The position is permanent and ssive, commanding an excellent salary. Also lified dispenser for Sussex Branch, male or . Two other assistants kept. Permanency. salary to suitable applicant. Apply with usual to 72 Mount Pleasant, Tunbridge Wells.

RBYSHIRE. Qualified Assistant, lady or gentleman, required mainly for Dispensing and r duties, able to take charge occasionally. ther assistants, no half-day or Sunday duty. articulars, salary required, etc., to Thompson, st, 69 Bath Street, Ilkeston.

ELLENT opportunity exists for ex-service nan, Chemist Optician. South London area. salary; accommodation if required. Per- ncy. 617/240, C. & D. London Office.

OVERDALE'S SONS, 19–20 Parliament St., York, have a vacancy for a second Pharmacist. sing and Counter. Old-established business. tionally good salary and prospects for right f applicant. Details of experience, age, etc., G. A. Coverdale, M.P.S.

LIFAX CO-OPERATIVE CHEMISTS, LTD., nvite applications from Pharmacists for the n of Branch Manager for a well-established n shop. Apply, giving full particulars, to x Co-operative Chemists, Ltd., North Parade, x.

DS INDUSTRIAL CO-OPERATIVE SO- IETY, LTD. Pharmacy Department require vices of a Pharmacist (either sex) to manage -class branch in residential suburb of Leeds. wages, hours and working conditions. Apply ary, 10 Albion Street, Leeds. Endorsed ist."

AGER wanted for Bedford Branch. Per- nanency. Excellent flat attached. Apply es & Co., Ltd., The Drapery, Northampton.

IDGE & CO., Employment Agency, Columbia House, Aldwych, W.C.2, invite inquiries from acists and Unqualified Persons requiring ions, except women between the ages of 18 . Progressive vacancies available. Excellent unities exist for Unqualified Assistants.

RMACIST to take charge branch pharmacy. ood residential area London. Living accom- ion. Permanency. Apply 615/172, C. & D. n Office.

LIFIED Assistant (either sex) required. pply, stating particulars of experience, age, etc., to Linley Graham, Pharmacist, Keswick.

LIFIED Manager required for Pharmacy in iverpool. State age, experience and salary. 9, C. & D. London Office.

QUALIFIED Branch Managers and Locums wanted immediately. Please submit usual details (with photo if possible) to L. Rowland & Co., Ltd., Chemists, Mitre Buildings, Brook Street, Wrexham, N. Wales.

QUALIFIED Manager required to take complete charge of country pharmacy near Oxford with one counter assistant. No extra duty. Good prospects and scope. Reliability essential. Apply giving full particulars, experience, references and commencing salary required. Unfurnished accommodation could be arranged later. 615/201, C. & D. London Office.

QUALIFIED Pharmacist required as Branch Manager. Permanency. No half-holiday or Sunday duty. Apply by letter giving full particulars to Superintendent Chemist, Dewsbury Pioneers' Industrial Society, Ltd., 41 Northgate, Dewsbury.

QUALIFIED Assistant required for full-time dispensing duties in high-class Pharmacy. Accommodation over shop (unfurnished flat) available. Apply with full particulars in first letter to 618/280, C. & D. London Office.

SUPERINTENDENT Pharmacist (lady or gentleman) required to take charge of dispensary and small scale manufacture of medicinal, veterinary and toilet preparations. Business situated in pleasant country market town. Short hours, no Sunday or holiday duty. Apply, giving particulars of experience with copy references and salary required, to J. Thomas (Garstang), Ltd., The Pharmacy, Garstang, Nr. Preston, Lancs.

UNQUALIFIED Assistant wanted immediately for busy Retail business. Reply, giving full particulars of age, experience, and salary required, to W. Bates & Co., 25 Oxford Street, Southampton.

UNQUALIFIED Assistant required for Dispensing and Counter in good class pharmacy. Please give full particulars in first letter to J. R. Cave (1922), Ltd., 52 Nevill Street, Southport.

WANTED. Senior Assistant experienced in high-class Pharmacy. Give age, salary required, experience, in first letter. Lawrence, Chemist, Rhyl.

LOCUMS WANTED

QUALIFIED Locum (lady or gentleman) required for business in country town in Lancashire for six months, commencing August if possible. Complete control Dispensary. One assistant kept. No Sunday or holiday duty; short hours. Apply, stating wages required, to 618/290, C. & D. London Office.

QUALIFIED Locum required 7th August for an indefinite period, owing to illness of the proprietor; two assistants kept. Please state terms. Apply J. R. Stock, M.P.S., 72 Shrub End Road, Colchester, Essex.

QUALIFIED Locum required immediately. One month or longer. Tees-side. 618/271, C. & D. London Office.

QUALIFIED Manager required immediately. Permanent; house available. N.H.I. and family business. Near North-east coast. 618/272, C. & D. London Office.

QUALIFIED Locum required for six or eight weeks from 3rd September for branch. Apply, stating terms to W. E. Orton, 71 Riversley Road, Nuneaton.

QUALIFIED Locum (lady or gentleman) required from 18th August to 1st September. One assistant kept. No Sunday or half-holiday duty; good accommodation. Please state terms. Baugh, Ongar, Essex. Phone, Ongar 67.

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WHOLESALE

ALLEN & HANBURYS, LTD., 7 Vere Street, W.1, require qualified personnel for positions of responsibility. Applications should be addressed to the Manager, Allen & Hanburys, Ltd., 7 Vere Street, W.1.

ASSISTANT Pharmacist required by Manufacturing Chemists in the North West. Previous manufacturing experience not essential. Post offers good prospects to suitable applicant. Full particulars of previous experience, age and salary required. 618/281, C. & D. London Office.

BRITISH COD LIVER OIL PRODUCERS (HULL), LTD., have a vacancy for a well-qualified University Graduate, in Biochemistry, with a biological background, in their nutritional laboratory. Previous experience in animal testing and nutritional work, although an advantage, is not essential, but applicants must have a definite inclination towards this work. Apply stating age, qualifications, experience, position regarding national service and salary required to Chief Research Chemist, St. Andrew's Dock, Hull.

CAPABLE, trustworthy man with business acumen to assist director of firm manufacturing perfumery raw materials and flavours. Technical knowledge not essential. Permanent, progressive post. Five day week. W.4 district. Write, stating age, experience, salary required, to 617/245, C. & D. London Office.

COSMETICS. Proprietary House has first-class opening for man to take charge of production. The post offers considerable scope to man with energy and ambition. Must be acquainted with all modern methods of manufacture. Applicants giving details of past experience, age, qualifications (if any), and all relevant details, should write to 618/287, C. &D. London Office.

FREELANCE Agents required who are regularly calling on Cosmeticians, Perfumiers, Wholesale Hairdressers, Sundriesmen, Chemists, etc., in fact anyone making perfumery, cosmetics and allied products in London area. Line to be carried is a first rate range of perfume compounds with a reputation behind them. Excellent commission on a genuine article which with a little work is bound to prove a very remunerative sideline. Apply Box No. 22, c/o Pool's, Aldwych House, London, W.C.2.

INVOICE/COPY Typist required by Manufacturing Chemists. Must be over 27 and possess initiative. Some knowledge of Elliott-Fisher Invoice Machine an advantage, but not essential. Apply to Miss Creed, 7 Stanhope Terrace, W.2. (Pad. 0181.)

PERFUME COMPOUNDS. Manufacturing Chemists require Agents who are regularly calling on Hairdressers and Chemists in London and other areas. Excellent commission. Very remunerative sideline. Martin Philipsen & Co., Ltd., 28B Albemarle Street, W.1.

PRODUCTION CHEMIST required for small, old-established company manufacturing Cosmetics. Good prospects. Kensington district. Please apply 618/286, C. & D. London Office.

REPRESENTATIVE required by Surgical Instrument and Equipment Makers to call on Hospitals and Medical Profession. Applicants, preferably pharmacists, should be prepared to eventually go abroad after period of training. Excellent opportunity for a keen young man. Apply to 618/277, C. & D. London Office, and give fullest possible details of experience, qualifications, age, etc., and when available.

REQUIRED by a Swiss manufacturing firm qu fied Pharmacist (Ph.C., B.Ph., or B.Sc. degr Applicant to reside in Basle and carry out pro ganda office work and correspondence in Engl Knowledge of written French and/or German ne sary. Salary £400 per annum with additional ye bonus. Unmarried man preferred. CDB/413, C. & London Office.

SUNDRIES Hand required with knowledge Druggists' Sundries and Surgical Instrume Apply G. A. R., 46 Southwark Street, S.E. minutes from London Bridge).

TRAVELLING Representative (U.K.) required reputable Manufacturers of Lactose and Cas Knowledge of appropriate buyers essential. W Box W.79, c/o Haddon's, Salisbury Square, F Street, London, E.C.4.

WELL-KNOWN Manufacturing House req Representative with connexion prefer C.F. lines, Drugs, Patents. Middlesex, Kent, Sur Essex, Berks, Sussex, Hertford, Bedford, Suff Cambridge, Northampton, established ground. manency, state full particulars and when avail for interview in Lancs. CDB/408, C. & D. Lon Office.

WORKING storeman for unpacking, putting and dispatch of goods to branches. Mus used to handling drugs. Permanency. Good wa Kirkman, Chemist, New Milton, Hants.

WORKS Chemist with Industrial Labora experience required by a progressive comp Applicant should be a University Graduate pr ably with experience of oils and fats refining. A stating age, qualifications, experience, position garding national service and salary requ 619/304, C. & D. London Office.

WHOLESALE (COLONIAL)

A FIRM of international repute engaged in manufacture of ethical medical products a vacancy for a young man who is prepared t abroad after a period of training. The candi must be a British subject, age 25/35, of good ed tion, and preference will be given to one who has commercial experience in the pharmaceutical tr Qualification in Chemistry or Pharmacy an advan but not essential. The post is a progressive one should lead to an administrative position. App tions from men in H.M. Forces will be conside Apply to 616/217, C. & D. London Office, gi details, in confidence, of experience, qualificat age, salary required and when available.

SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional wo

RETAIL (HOME)

GENT disengaged, Irish Degree L.P.S.I. experiences and references. Gent, 55 Up Grove, Roundlay, Leeds.

WHOLESALE

EXPERIENCED Representative, country connexion with Chemists, Hairdressers, Stores in Eire, wishes to contact English firm ing to have resident agent in Dublin. Mr. S Price, 51 Inman Road, Craven Park, N.W.10.

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MEDICAL Propagandist, with over 20 experience, now free. Lancs and Yorks ferred. Straight sales or propaganda. 618 C. & D. London Office.

P.S. resident in Lancashire, 6 ft. tall, age 34, ex-prop., exempt, requires post ommercial or ethical representative. 618/273, D. London Office.

ARMACEUTICAL Chemist (29) desires position with firm of repute as representative. Two ' travelling experience; good connexion with harmacy profession in Eire. 618/275, C. & D. on Office.

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ARMACEUTICAL and Analytical Chemist, aged 39 years, desires position preferably South a, with firm of repute; retail, wholesale or facturing. 20 years' excellent experience, in- g Colonial. Expert knowledge in the latest s of Glandular and Hormone therapy, and the ration of Biological products. 618/278, C. & D. on Office.

APPOINTMENTS

SSISTANT Pharmacist (Locum Tenens), male or female, required immediately. Salary en Guineas per week plus war bonus, 19s. per k man, 15s. 6d. per week woman. Apply, ting age and qualifications, to Medical Direc- Hill End Hospital, St. Albans.

BETHLEM ROYAL HOSPITAL

EDEN PARK, BECKENHAM, KENT

alified Locum (either sex) required from 3rd 5th September next. Salary £7 7s. per week cost of living bonus and lunch and tea y when on duty. Apply Pharmacist.

CITY OF MANCHESTER

WITHINGTON HOSPITAL

(1150 Beds)

APPOINTMENT OF ASSISTANT PHARMACIST

(Temporary)

pplications are invited for the post of Tem- ary Assistant Pharmacist (non-resident) at Withington Hospital (Adult General), West sbury, Manchester, 20. The post is on the nanent assignment of staff, but the appoint- t will be of a temporary nature, subject to ew after the close of the war.

andidates should possess a qualification nted by or recognised by the Pharmaceutical iety of Great Britain (Ph.C. or B.Pharm. ferred).

asic salary £295 per annum plus a temporary of living wages addition amounting to £60 annum in respect of a male officer, and 5s. per annum in respect of a female officer. post is subject to the Manchester Corpora- conditions of service.

ull particulars may be obtained from the ical Superintendent of the Hospital, and all lications, stating age, qualifications, experi- and present appointment, are to be ressed to him not later than 31st July, 1945. nvassing in any form, oral or written, direct ndirect, is prohibited.

PHILIP B. DINGLE,
n Hall, Town Clerk.
anchester, 2.
July, 1945.

ROUP of Pharmaceutical Manufacturers formed for co-operative marketing in ope require Manager. Office in London. quent travelling to Europe involved. Appli- should speak French fluently. Knowledge Europe and pharmaceutical trade an advan- . Write, stating age and previous experience, DB/409 ,C. & D. London Office.

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Two Temporary Assistant Pharmacists (male or female) required. Three other Pharmacists employed. Applicants not liable for service with the Forces. Salary for a Male Pharmacist £309 16s. per annum, and a Female £300 6s. per annum, including war bonus. In the event of a married man being engaged and being in need of it, there is a staff house available at a weekly rental of 13s. 6d.

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Assistant Pharmacist (man or woman) required at Claybury Hospital, Woodford Bridge, Essex. Must possess Pharmaceutical Society's qualification. Commencing salary £250 a year plus cost of living addition (at present £60 a year (man), £48 a year (woman)). Application form from Medical Superintendent.

SUNDERLAND EDUCATION COMMITTEE

TECHNICAL COLLEGE

(DEPARTMENT OF PHARMACY)

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Applications are invited for the temporary post of DEMONSTRATOR in Pharmaceutical subjects, duties to commence in September or October, 1945. Applicants should hold a qualification of the Pharmaceutical Society or a University degree in Pharmacy.

Salary at the rate of £250 per annum.

The post is designed for a junior person who will also undertake some research work or advanced studies.

Applications, giving full particulars of age, training, qualifications and experience, etc., together with the names and addresses of three referees, should be forwarded to the undersigned not later than the 18th August, 1945.

W. THOMPSON,
Education Offices, Director of Education.
15 John Street, Sunderland.

THE GUEST HOSPITAL, DUDLEY

Pharmacist (M.P.S.) required to commence duties on 1st September, 1945. Male or female. Salary in accordance with B.H.A. recommended scale. Federated Superannuation Scheme for Nurses and Hospital Officers in force. Applications, stating age and experience, with copies of recent testimonials, to be sent to H. Raymond Hurst, House Governor and Secretary.

THE PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

Invite applications for the post of Deputy to the Secretary. Applicants must be Pharmaceutical Chemists registered in Northern Ireland. The salary to start with will be £350 per annum. Applications should be sent to the Secretary, giving full particulars of education, apprenticeship and references on or before the 1st September, 1945.

D. L. KIRKPATRICK,
Secretary.

73 UNIVERSITY STREET,
BELFAST, N.I.

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ONE "Manesty" Tablet Machine, No. 3, 2¼ in. diameter tablet, 420 volt, 3-phase drive, almost new. R. Johnson & Nephew, Ltd., Bradford Ironworks, Manchester, 11.

10-LB. Ol. Cinnamoni Fol. for sale in unopened bottles. Offers to 616/226, C. & D. London Office.

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PRIVATE Pharmacist wishes to purchase high-class Pharmacy, with good Dispensing, Surgical, Toilet and Photographic connexions, and a pre-war turnover of £20,000 per annum approx., in a large and well-populated residential town in the South. Ample capital available. Particulars in strict confidence to 617/254, C. & D. London Office.

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A FLOURISHING Chiropody Practice for sale in well-populated area; North London. Sound reasons for disposal. Apply to 618/276, C. & D. London Office.

CHIROPODY Practice and Sale of Appliances for sale. South-west suburban area. Lock-up shop; excellent position in High Street. Sound business; established 11 years. Turnover 1944, £1065 14s. 2d. For further details write 618/284, C. & D. London Office.

MANCHESTER. Middle class, industrial area, Pharmacy, Optics, Rexall and Kodak. Stock and fixtures at valuation plus goodwill. Total around £1600. Good living accommodation. Long established. 617/237, C. & D. London Office.

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EXPORT TRADE

EXPORT—SCANDINAVIA. Firm registered in Stockholm with best connexions amongst wholesalers and big retailers in Sweden, Norway and Denmark, wishes to represent manufacturers of Combs, Tooth-brushes and other kinds of brushes, Hair Nets, Powder Boxes, as well as manufacturers of Fancy Goods. Best references. Write Box "K.L.M.", c/o 95 Bishopgate, E.C.

EXPORT TRADE—EGYPT AND MIDDLE EAST. Agents with good connexions wish to represent manufacturers or laboratories producing Pharmaceutical Specialities, Cosmetics, etc. No two competing products handled. Personal and interested attention. In first instance please write 618/295, C. & D. London Office.

FIRM, well introduced in Trans-Jordania, Syria and the Lebanon, seeks representation of British firm for Pharmaceutical, Surgical and kindred lines, including Laboratory and Hospital Glassware. 617/260, C. & D. London Office.

LONDON EXPORTERS with agencies in many overseas markets desire to get in touch with Manufacturers who wish to develop their export trade. G. & W. Field, Ltd., 44 Theobalds Road, W.C.1.

MESSRS. DINKER & CO., 88 Vithalbai Patel Road, Bombay, 4, invite connexions from competitive manufacturers and reliable exporters, handling Chemicals and Drugs. Bankers Eastern Bank, Ltd., Bombay; National Bank of India, Ltd., Bombay. Reference: Messrs. Biddle, Sawyer & Co., Ltd., Empire House, London.

PHARMACEUTICAL PREPARATIONS. We specialise in manufacturing pharmaceutical preparations in any desired forms for firms requiring products manufactured with or without their own formulas. Inquiries to 617/258, C. & D. London Office.

SWEDEN. Firm with selling organisation throughout Sweden wants agencies for Gauze Cloth for Bandages, Tapes and Plasters, Rubber Gloves and Surgical Rubber Articles, Syringe Needles and Hypodermic Syringes and Pharmaceutical preparations. Replies requested to A/B Förbandsmaterial, Gothenburg.

BUSINESS OPPORTUNITIES

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CHEMIST visting Portugal and Spain early Aug on business journey would like to negoti with additional firms of Cosmetics and Phar ceutical manufacturers on part expenses ba 618/285, C. & D. London Office.

MANUFACTURING Chemists wish to cont Wholesale Distributor who would be ready market new lines in Household products. Box c/o Pool's, Aldwych House, London, W.C.2.

TABLETS. Manufacturers can undertake the c pression of tablets from 3/16 inch to 2-i diameter. Contracts from customers' own mate preferred. Write to 613/111, C. & D. London Of

PATENTS

IT is desired to secure the full commercial deve ment in the United Kingdom of British Pa No. 485237 which relates to Toothbrushes eithe way of the grant of licences or otherwise on te acceptable to the Patentee. Interested pa desiring copies of the patent specifications and ther particulars, should apply to Stevens, Lang Parry & Rollinson, 5–9 Quality Court, London, W.

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ASPIRIN Powder, Grans or Crystals, wante large or small quantities. 618/291, C. & London Office.

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CASH Registers, National, Remington Gledhill. Wanted for spot cash. All sizes, immaterial, any quantity entertained. Amalgam Business Machines, Ltd., 64 Mortimer Street, O Circus, W.1. Phone MUSeum 0941. Repairs, S Exchanges, Supplies, Rolls, Ribbons, etc.

CELLOPHANE Envelopes. Large quantity quired about 3 in. × 3 in. 617/267, C. & London Office.

CENTRIFUGE required urgently; alumin stainless steel or glass buckets. Total cap one to three litres. Direct motor or belt dr Write with full particulars and price, to Ra Clark, Ltd., Victoria House, Southampton London, W.C.1.

WANTED. Bromide Postcards, Whole (Bromide) and Gaslight Paper. Particula Hedley Price, Ltd., Bristol, 3.

8-OZ. Plain Medicals, 8-oz. ribbed Ovals, 2–3 Panels; divisioned cartons to hold any of t Samples and prices to S. Tatlow & Co., Ltd., Ec ton, Sheffield.

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M&B

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Felsol REGD POWDERS for ASTHMA

An Explanation . . . and Apology

War-time shortages of materials have recently caused delays in our deliveries and have forced upon us the necessity of confining the supply of the large size exclusively to requirements for Physician's private prescriptions, Hospital and N.H.I. dispensing purposes.

FELSOL is not discontinued, the 2/10 size remains available, but this too must, for the time being, at least, be regarded as in short supply.

Gratefully acknowledging the co-operation of our many Pharmaceutical Friends, we apologise for any inconvenience these temporarily enforced conditions, beyond our control, may impose and give the assurance that every effort is made to ensure the fairest possible distribution by executing all orders in strict rotation.

BRITISH FELSOL COMPANY LTD
WIGTON HOUSE, 206-212 ST JOHN STREET, CLERKENWELL, LONDON, E.C.1.
Telephone CLEkenwell 5862 Cables 'Felsol Smith London.

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